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**CARRIER LANDING PARAMETERS FROM SURVEY  
45, FLEET AND TRAINING COMMAND AIRCRAFT  
LANDING ABOARD USS ENTERPRISE CVN-65  
(MAIN TEXT AND APPENDIX A)**

Richard P. Micklos  
Air Vehicle and Crew Systems Technology Department (Code 6042)  
NAVAL AIR DEVELOPMENT CENTER  
Warminster, PA 18974-5000

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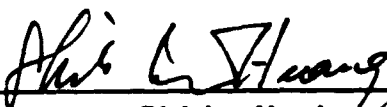
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**SUMMARY**

As part of a continuing NAVAIRDEVCON program to monitor the landing performance of naval carrier aircraft, the Aero Structures Division performed a carrier landing loads survey onboard the USS ENTERPRISE in September of 1985. This document formally presents the results of that survey, which were previously provided to NAVAIR informally.

The principle goal of this survey was to compare day and night carrier landing performance. Nearly 900 day and over 500 night landings of fleet aircraft were recorded and analyzed. This survey includes data on F-14, F-18, A-6E, A-7E, EA-6B, E-2C, S-3A and TA-3B aircraft. This survey also provided data on over 1000 carrier landings of student pilots performing day landings of T-2C and TA-4 aircraft. This survey was performed off the west coast of the United States.

LIST OF REFERENCES

- A) NAVAL AIR DEVELOPMENT CENTER REPORT NO. NADC-ST-6706, 27 JAN 68,  
THE STANDARD ASD PHOTOGRAPHIC METHOD FOR DETERMINING AIRPLANE  
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DESIGN SINK SPEED

LIST OF SYMBOLS

$V_V$  - Sink speed, feet per second

Subscripts:

N - Nose wheel touchdown

P - Port wheel touchdown

S - Starboard wheel touchdown

A - Average of both main wheels at first main wheel touchdown

$K_{LE}$  - Wing lift factor

$V_W$  - Wind velocity over deck, knots

$V_E$  - Engaging speed, knots

$V_{P'AF}$  - Approach speed, knots

$V_{P'A_{min}}$  - Minimum usable power approach airspeed, knots

$V_{SP'A}$  - Power approach stall speed, knots

$K_{V_{P'A_{min}}}$  - Ratio of measured approach speed to minimum power approach speed

$K_{V_{SP'A}}$  - Ratio of measured approach speed to power approach stall speed

$\theta_p$  - Aircraft pitch angle, degrees and (radians); positive values indicate nose up attitude measured from fuselage reference line to horizontal

Subscripts:

td - Touchdown

R - Over the ramp

$\theta_r$  - Aircraft roll angle, degrees and (radians); positive values indicate starboard wing down

$\dot{\theta}_p$  - Aircraft pitch rate at first main wheel touchdown, degrees per second and (radians per second)

$\dot{\theta}_r$  - Aircraft roll rate at first main wheel touchdown, degrees per second and (radians per second)

Y - Aircraft off-centerline distance, feet; positive values indicate port side of deck centerline

$X_W$  - Distance from ramp to first main wheel touchdown

$\beta_{V_V}$  - Aircraft instantaneous glideslope angle

$\beta_{H_W}$  - Aircraft geometric glideslope angle

W - Landing weight

$YAW_{td}$  - Aircraft yaw angle, degrees and (radians)

$\phi$  - Aircraft phi angle



LIST OF SYMBOLS (cont'd)

$F. P. A.$	- Aircraft flight path angle
$H_W$	- Height of main wheels over the ramp
$H_H$	- Height of the hook at the ramp
$\delta_{dp}$	- Angle of flight deck pitch
$\delta_d$	- Angle of flight deck roll
$N$	- Number of Observations in Sample
$P$	- Probability
$S$	- Standard deviation of sample distribution
$A_3$	- Skewness factor of sample distribution
$A_4$	- Kurtosis factor of sample distribution

## INTRODUCTION

The NAVAL AIR DEVELOPMENT CENTER (NAVAIRDEVCEN) utilizes a 70 mm half-frame photoelectronic film system to record day and night aircraft carrier landings for determining approach and touchdown parameters. The information provided in this report was collected onboard the USS ENTERPRISE (CVN-65) during a carrier qualification period for fleet pilots. The ship was operating off the west coast of the United States during this period.

The system consists of a 70 mm half-frame camera to photograph aircraft landings, a covert infrared flasher system to illuminate night landings, and a 70 mm film reader which is used to digitize approaching aircraft position. The analysis techniques of reference (a) are used to develop a statistical presentation of the desired aircraft landing parameters by aircraft model type and series.

Data included in this report was derived from the following sources:

1. Day/night photographic records obtained during this survey.
2. Ship's logs. (Fuel weights, arresting gear runout)
3. Ship's pitch and roll data which is automatically recorded on the 70 mm film from the ship's gyro compass.
4. Ship's anemometer for wind over deck measurement.
5. Ship's instrumentation for ship speed, barometric pressure and outside air temperature.

The landing parameters included in this report are listed and defined in section 3.0 of this report.

**ACKNOWLEDGEMENT**

We express our thanks and appreciation to the Officers and Crew of the USS ENTERPRISE, CVN-65, and in particular to the Air department and V-1 Division , for their outstanding assistance and professional support provided to the NAVAIRDEVCON Survey Team during this Landing loads Survey.

## LANDING LOADS SURVEY DEFINITIONS

SINK SPEED  $V_V$ 

The sink speed of the aircraft landing gear wheel just prior to touchdown. Sink speed is reported for each landing gear individually; that is for the Port, Starboard and Nose wheels just prior to individual deck contact. In addition the Average sink speed of the aircraft main landing gear is calculated just prior to touchdown of the first main landing gear wheel. Sink Speed is determined from film data. The symbols used to identify aircraft sink speed are as follows:

- $V_{V_A}$  -average sink speed
- $V_{V_S}$  -sink speed of the starboard main wheel
- $V_{V_P}$  -sink speed of the port main wheel
- $V_{V_N}$  -sink speed of the nose landing gear

The values of aircraft sink speed are reported in Feet per second (ft/sec)

For shipboard landings the values of sink speed are reported with respect to the vessel's flight deck.

WING LIFT FACTOR  $K_{LE}$ 

The Wing Lift Factor is calculated from the derivative of the aircraft average sink speed. It is calculated just prior to the touchdown of the first main landing gear. A value of 1.0 for the Wing Lift Factor indicates that a constant sink speed is being maintained. If the value of  $K_{LE}$  is greater than 1.0, this indicates that the sink speed is decreasing and the wing lift is greater than 1.0 G. Conversely, if the value is less than 1.0 then the sink speed is increasing and the lift being generated is less than 1.0 G. The value of Wing Lift Factor is calculated from the equation

$$K_{LE} = \frac{1}{32} \times \frac{d^2Y}{dt^2} + 1.0$$

where the value of Y is the aircraft vertical position with respect to time; the derivative is evaluated at touchdown ( $t=0$ ). The regression curve is that calculated for the average vertical position of the Aircraft Main Landing Gear and has the form of the equation

$$\text{Vertical Position } Y = A + Bt + Ct^2$$

The symbol for Wing Lift Factor is  $K_{LE}$

This quantity is dimensionless.

The value of Wing Lift Factor is measured with respect to the flight deck (this value could be referenced to the horizon by correcting it for deck pitch angle).

## WIND OVER DECK $V_W$

Wind Over Deck is the wind velocity measured by the ships instrumentation with respect to the flight deck. For aircraft carrier landings, the wind component down the landing deck is utilized. The Positive direction for Wind Over Deck is from the ships bow to the stern, down the angle deck.

The symbol for Wind Over Deck is  $V_W$

The value of Wind Over Deck is reported in Knots.

## ENGAGING SPEED $V_E$

The Engaging Speed is the speed with which the aircraft closes on the aircraft carrier's flight deck. Engaging Speed is reported with respect to the flight deck. Engaging Speed is calculated from film measurements.

The symbol for Engaging Speed is  $V_E$

The value of Engaging Speed is reported in Knots.

## APPROACH SPEED $V_{PAF}$

The value of Approach Speed reported is the algebraic sum of engaging speed and component of wind over deck parallel to the centerline of the angle deck. The value of approach speed is the aircraft horizontal velocity with respect to the air mass.

The symbol for Approach Speed is  $V_{PAF}$

The value of Approach Speed is reported in Knots.

## MINIMUM POWER APPROACH SPEED $V_{PA_{min}}$

This value is the Minimum Power Approach Speed for a jet aircraft in the power approach configuration (landing gear, flaps, and other high lift devices deployed). This number is determined from the aircraft's aerodynamic characteristics and landing weight per criteria established by NAVAIR.

The symbol for Minimum Power Approach Speed is  $V_{PA_{min}}$

The value of Minimum Power Approach Speed is reported in Knots.

## POWER APPROACH STALL SPEED $V_{SPA}$

This value is the Power Approach Stall Speed for a propeller driven aircraft in the power approach configuration (landing gear, flaps, and other high lift devices deployed). This number is determined from the aircraft's aerodynamic characteristics and landing weight per criteria established by NAVAIR.

The symbol for Power Approach Stall Speed is  $V_{SPA}$

The value of Power Approach Stall Speed is reported in Knots.

## RATIO OF MEASURED APPROACH SPEED TO MINIMUM POWER APPROACH SPEED $K_{VPAmin}$

The ratio of the jet aircraft approach speed determined from film data to the minimum power approach speed for the same landing weight.

The symbol for the Ratio  $\frac{V_{PAF}}{V_{PAmin}}$  is  $K_{VPAmin}$

This quantity is dimensionless.

## RATIO OF MEASURED APPROACH SPEED TO POWER APPROACH STALL SPEED $K_{VSPA}$

The ratio of the propeller driven aircraft measured approach speed, determined from film data, to the aircraft power approach stall speed, for the same value of landing weight.

The symbol for the Ratio  $\frac{V_{PAF}}{V_{SPA}}$  is  $K_{VSPA}$

This quantity is dimensionless.

## AIRCRAFT PITCH ANGLE $\theta_p$

The Aircraft Pitch Angle measured between the aircraft reference line and a line parallel with the aircraft carrier flight deck. Positive values of Pitch Angle are reported for an aircraft exhibiting a nose up attitude. Pitch Angle is determined from film data.

The symbol used for Pitch Angle is  $\theta_p$

The value of this quantity is reported in both Degrees and Radians.

The value of Pitch Angle is reported at two locations; just prior to first wheel touchdown and as the aircraft flies "over the ramp" at the stern end of an aircraft carrier flight deck.

$\theta_{pR}$  - over the ramp

$\theta_{pL}$  - at touchdown

#### AIRCRAFT ROLL ANGLE $\theta_r$

The Aircraft Roll angle measured between the aircraft reference line and a line parallel with the aircraft carrier flight deck. Positive values of Roll Angle are reported for an aircraft whose starboard wing is down. Roll Angle is determined from film data.

The symbol used for Roll Angle is  $\theta_r$

The value of this quantity is reported in both Degrees and Radians.

The value of Roll Angle is reported at two locations: just prior to first wheel touchdown and as the aircraft flies "over the ramp" at the stern end of an aircraft carrier flight deck.

$\theta_{r,r}$  - over the ramp

$\theta_{r,t}$  - at touchdown

#### AIRCRAFT PITCH RATE $\dot{\theta}_p$

The Aircraft Pitch Rate is calculated from the film data. It is reported just prior to the touchdown of the first main wheel. Positive values of this variable indicates that the aircraft nose is pitching down. This rate is determined with respect to the flight deck.

The symbol used for this quantity is  $\dot{\theta}_p$

The value of this quantity is reported in both Degrees per second (deg/sec) and Radians per second (rad/sec)

#### AIRCRAFT ROLL RATE $\dot{\theta}_r$

The Aircraft Roll Rate is calculated from the film data. It is reported just prior to the touchdown of the first main wheel. Positive values of this variable indicate that the aircraft is rolling to port. This rate is determined with respect to the flight deck.

The symbol used for this quantity is  $\dot{\theta}_r$

The value of this quantity is reported in both Degrees per second (deg/sec) and Radians per second (rad/sec)

#### AIRCRAFT OFF-CENTERLINE DISTANCE Y

This is the perpendicular distance measured between the aircraft centerline and the centerline of the flight deck (or runway). This value is calculated from film data just prior to first main wheel touchdown. Positive values of this quantity indicate that the aircraft landed on the Port side of the Flight Deck centerline.

The symbol for this quantity is Y

The value of this quantity is reported in Feet (ft).

# DISTANCE FROM RAMP TO FIRST MAIN WHEEL TOUCHDOWN $X_W$

For aircraft carrier landings the distance between the flight deck ramp (aft end of the flight deck) and the point of first main wheel touchdown is determined from the film data. For land based surveys, this distance can be determined from an appropriate reference line with respect to the camera.

The symbol for this quantity is  $X_W$

The value of this quantity is reported in Feet (ft).

# AIRCRAFT INSTANTANEOUS GLIDESLOPE ANGLE $\beta_{V_V}$

This angle is determined just prior to first main wheel touchdown. The value of average sink speed ( $V_{V_A}$ ) and engaging speed ( $V_E$ ) are used to define the instantaneous glideslope. These values are entered into the equation

$$\beta_{V_V} = \arctan \left[ \frac{V_{V_A}}{V_E} \right] + \text{deck pitch angle}$$

NOTE: A Consistent set of units must be used in this equation.

The symbol for this quantity is  $\beta_{V_V}$

The value of this quantity is reported in Degrees and Radians.

# AIRCRAFT GEOMETRIC GLIDESLOPE ANGLE $\beta_{H_W}$

This angle is determined by utilizing the distance from the ramp to touchdown ( $X_W$ ) and height of main wheels at the ramp ( $H_W$ ). These values are substituted into the equation

$$\beta_{H_W} = \arctan \left[ \frac{V_{E_M} - SS}{V_{E_M}} \times \frac{H_W}{X_W} \right] + \delta_d$$

where SS is Ship Speed and  $\delta_d$  is angle of flight deck pitch at touchdown.

The quantity  $\frac{V_{E_M} - SS}{V_{E_M}}$  is a

correction factor for ship's forward motion during the time the aircraft flies from the Ramp position to Touchdown.

NOTE: A consistent set of units must be used in this equation.

The symbol for this quantity is  $\beta_{H_W}$



## LANDING WEIGHT $W$

The landing weight reported in the survey is determined from aircraft basic weight and the reported fuel state on aircraft final approach (the Ball State). The type and quantity of any external stores is also included in the determination of landing weight.

The symbol for this quantity is  $W$

The value of this quantity is reported in Pounds.

## AIRCRAFT YAW ANGLE $YAW_{\alpha}$

The Yaw Angle is the angle between the aircraft centerline and the aircraft flight path at the point of first main wheel touchdown. Positive YAW Angle is defined to be that orientation where a clockwise rotation of the flight path vector causes the vector to coincide with the aircraft centerline using a minimum angular rotation. Yaw Angle is determined from film data.

The symbol for this quantity is  $YAW_{\alpha}$

The value of this quantity is reported in Degrees and Radians.

## AIRCRAFT PHI ANGLE $\phi$

The phi angle is the angle between the aircraft centerline and the flight deck (or runway) centerline at the point of first main wheel touchdown. Positive Phi angle is defined to be that orientation where a clockwise rotation of the flight deck centerline causes it to coincide with the aircraft centerline using a minimum angular rotation. Phi angle is determined from film data.

The symbol for this quantity is  $\phi$

The value of this quantity is reported in Degrees and Radians.

## AIRCRAFT FLIGHT PATH ANGLE $F. P. A.$

The Flight Path Angle is the angle between the aircraft flight path and the flight deck centerline at the point of touchdown. This measurement is determined from film data. Positive Flight Path Angle is defined to be that orientation where a clockwise rotation of the flight path vector causes the vector to coincide with the flight deck centerline using a minimum angular rotation.

The Symbol for this quantity is  $F. P. A.$

The value of this quantity is reported in Degrees and Radians.

# HEIGHT OF MAIN WHEELS OVER THE RAMP $H_w$

The average height of the aircraft main landing gear wheels as it flies over the aircraft carrier ramp (aft end of flight deck) is determined from the film data. This information can also be provided for land based surveys utilizing an appropriate reference line on the runway.

The symbol for this quantity is  $H_w$

The value of this quantity is reported in Feet.

# HEIGHT OF THE HOOK AT THE RAMP $H_H$

The height of the aircraft arresting gear hook as it flies over the aircraft carrier ramp (aft end of flight deck) is determined from the film data. This quantity is only reported on carrier surveys.

The symbol for this quantity is  $H_H$

This quantity is reported in Feet.

# ANGLE OF FLIGHT DECK PITCH $\delta_p$

This angle is the pitch angle of the aircraft carrier flight deck with respect to the horizon. This data is recorded from the Ships Inertial Navigation System utilizing inputs to the Fresnel Lens (Mirror Landing Aid System). This data is reported at the time of the aircraft first main wheel touchdown. This parameter is reported only for carrier landings. The positive value of this quantity indicates that the stern of the ship is up.

The symbol for this quantity is  $\delta_p$

This quantity is reported in Degrees and Radians.

# ANGLE OF FLIGHT DECK ROLL $\delta_r$

This angle is the roll angle of the aircraft carrier flight deck with respect to the horizon. This data is recorded from the Ships Inertial Navigation System utilizing inputs to the Fresnel Lens (Mirror Landing Aid System). This data is reported at the time of the aircraft first main wheel touchdown. This parameter is reported only for carrier landings. The positive value of this quantity indicates that the starboard side of the ship is down.

The symbol for this quantity is  $\delta_r$

This quantity is reported in Degrees and Radians.

LIST OF SUBSCRIPTS

FFE - Free Flight Engagement

F - Indicates that the data source is film data

R - indicates data reported at the "over the ramp" position.

P - Port

S - Starboard

N - Nose Wheel

A - Average

r - Roll

p - Pitch

td - Data reported at aircraft touchdown

d - Data referenced to the Flight Deck

STATISTICAL SYMBOLS

N - Number of Observations (data points)

$\bar{x}$  - Mean Value of a parameter

P - Probability

S - Standard Deviation of sample distribution

$\alpha_3$  - Skewness factor of sample distribution

$\alpha_4$  - Kurtosis factor of sample distribution

## ANALYSIS

The relationship between the various parameters determined during a carrier landing loads survey is complex. Successfully performing a carrier landing is a significant accomplishment. The pilot is assisted in this effort by a system of instruments and landing aids which has evolved over the years. The sensitivity and accuracy of these instruments and equipment have a direct impact on the ability of the pilot to properly execute a carrier landing.

The principle instrumentation available to the pilot is the "Angle of Attack" indexer, the various cockpit glideslope displays and his observation of the fresnel lens system installed on the aircraft carrier. In addition, on many aircraft models, the pilot is assisted by an "Approach Power Compensator" or "Automatic Throttle Control". This equipment adjusts engine thrust to maintain a 1.0 g flight condition in response to various measured inputs, e.g normal acceleration, angle of attack and control surface position.

Table I is a listing of the mean values of principle landing parameters determined for the fleet aircraft covered by this survey. It provides data for both day and night landings.

Statistical tests were performed on the data. These were to determine if a significant difference exists in the mean values of the measured parameters for day and night landing operations. This was done for each model of aircraft. Table II identifies those combinations of parameters and aircraft models which exhibit statistically significant differences in mean values at a 95% confidence limit or higher.

The interrelationships between the various flight parameters involved in carrier landings is described in Table II. Those aircraft models which have a significant difference in landing weight should also show a significant difference in approach speed. Approach speed and landing weight are linearly related. When a significant difference between the values of "wind over deck" for day and night landings occurs, then engaging speeds should change for landings of the same landing weight. If landing weight and wind over deck change, then engaging speed and approach speed must change. Glideslope angle should remain constant, any change in sink speed should be accompanied with a corresponding change in engaging speed.

The only parameter which should remain constant during a carrier landing is glideslope angle. See Table III. The pilot is attempting to fly down a prescribed glideslope, normally 3.5 degrees, which is maintained by the carrier's fresnel lens system. Glideslope should be independent of aircraft landing weight, wind over deck or even aircraft type. Table I indicates that the survey data varies from the expected result. The mean value of instantaneous glideslope was 2.9 degrees during the day and 3.1 degrees at night. The small variations of survey glideslope angle from the expected value of 3.5 degrees can

be attributed to the tolerances on the measured values of sink speed ( $\pm 1.0$  ft/sec) and engaging speed ( $\pm 2.0$  knots) for individual landings used in the calculation, along with rounding errors in the recorded deck pitch and minor angular misalignments in camera installation.

The value of instantaneous glideslope determined from our analysis program is calculated from the value of the tangent of the ratio of the average sink speed at touchdown with the engaging speed at touchdown.

$$\beta_{VV} = \tan (V_{va}/V_e) + \text{flight deck pitch angle}$$

This equation correctly provides the angle of the aircraft with the horizon. This is the same angle that the pilot is following as he attempts to land by following the 3.5 degree angle established by the fresnel lens system. At any instant in time, the pilot observes the "ball" centered in the lens. The lens mechanism is stabilized to compensate for carrier flight deck motion, (pitch and roll).

Review of the measured approach speed listed in table I indicates that these values are higher than would be expected for the reported value of mean landing weight. These values were compared with the appropriate NATOPS approach speed curves. These comparisons are listed in table IV. Plots of the individual landings approach speed versus landing weight were generated and are provided as figures 1 through 16. Day and night plots are provided for all model aircraft in this Survey except the TA-3, which had only 23 landings recorded. The corresponding NATOPS curves were included in the plots. As can be seen from these curves, the aircraft are flying approach speeds higher than the recommended NATOPS values.

The recommended NATOPS approach speed curves provide a relationship between aircraft approach speed and landing weight. The typical variation is to add one to two knots of approach speed for each additional thousand pounds of aircraft landing weight. These curves are prepared from flight test data for an aircraft flying an "on-speed" approach at the proper aircraft "angle of attack" and descending on the prescribed 3.5 degree glideslope. These curves also must assume a value of "wind over deck" to convert the recommended approach speed to a value of aircraft engaging speed. The engaging speed limits are established by limits on the aircraft arresting gear hook loads, as well as the energy absorption capabilities of the arresting gear on the aircraft carrier. If any of these variables are different during an actual carrier landing, then the reported approach speed will vary from the NATOPS value.

The sensitivity of aircraft approach speed to angle of attack varies considerably for different aircraft models. The difference in a "slightly fast" approach over an "on-speed" approach for an A-7E can be as much as six knots in approach speed. Other models vary by two or three knots for the same

range of angle of attack variation. The Approach Speed for an A-6 Aircraft increases by 4.5 knots if external stores are carried during the landing. These variations account for a significant portion of the differences in A-6 and A-7 engaging speeds listed in table I.

Similarly, the tolerances in glideslope angle can have an effect on the reported value of aircraft approach speed. The aircraft carrier provides glideslope information to the pilot by means of an Automatic Carrier Landing System. This information is provided to the pilot both on cockpit displays and on the "HEADS UP DISPLAY". The full scale deflection of these displays indicate a vertical misalignment of the aircraft to the glideslope of  $\pm 1.4$  degrees. For small values of glideslope misalignment, the instrumentation will provide a proportional deflection of the glideslope displays. Given the range of this proportional indication, a variation of 10 % , (  $\pm 0.14$  degrees ) would not be an unreasonable tolerance to expect on the angle being maintained by the pilot. A similar or greater tolerance would be expected if the pilot was flying without using the ACLS system and making a non-precision visual approach.

As an additional check on the survey results, the values of aircraft engaging speed plus 20 knots were plotted against landing weight for the F-14, F-18 and A-7E aircraft. These plots are included as figures 17 thru 22. The value of twenty knots was chosen since MIL-A-8863 defines engaging speed to be approach speed minus twenty knots. Our program calculates approach speed from engaging speed and reported value of "wind over deck". Engaging speed is derived directly from our film image data. These plots show considerably better agreement between the reported data and the NATOPS curves, particularly for the night landing data.

Aircraft sink speed was also plotted as a function of engaging speed for the F-14, F-18 and A-7 aircraft. These plots are included as figures 23 thru 28. A tolerance band generated from the sink speed equations of table I of MIL-A-8863 was included on these plots. The sink speed data from this survey does fall in the band defined by the specification.

In light of the above considerations, the observed variations in aircraft landing performance observed in this survey can readily be ascribed to these instrumentation tolerances and the various flight conditions experienced by the pilots. The observed differences between day and night landings, higher glideslope angle, higher sink speeds and better agreement of the data with the recommended NATOPS approach speed at night, can be explained by the increased time that the pilot has to "fine tune" his approach. At night, the pace of landing operations is considerably slower and the pilot is established on his glideslope at a significantly greater distance from the ship than during daylight visual flight operations. Typically, the pilot turns onto the glideslope at a distance of 3 to 3.5 miles at night compared to distance of from one to one and one half miles from the

ship during the day. Additionally, it must be noted that the approach speed reported from our survey depends on the accuracy of the "wind over deck" measurement taken onboard the aircraft carrier. Local disturbances caused by the ships configuration and motion can cause this value to vary from the wind conditions experienced by the aircraft in the air mass behind the ship. The value of NATOPS Approach Speed depends on an accurate estimate of Aircraft Landing Weight which is based on fuel state reported by the pilot on final approach, basic weight of the aircraft involved and the weight of any external stores carried on the aircraft. An error of several hundred pounds could be made in this weight calculation. These considerations, coupled with a loss of visual references at night, which may focus the pilots attention on his landing aids, are sufficient to account for the minor differences between day and night landings observed during this survey.

**CONCLUSIONS**

The data analyzed from Survey 45 leads to the following conclusions:

1. Statistically significant differences in the mean values of sink speed, engaging speed and glideslope angle exist between day and night landing of the F-14, F-18 and A-6E aircraft. Of these three parameters, only the difference in engaging speed was significant for the A-7E. Only the F-18 and EA-6B showed an increase in the variation of glideslope angle at night when compared to the Fresnel lens setting. For the bulk of the night landings observed (80%), the pilots maintained glideslope more accurately at night than during the day. This may reflect the reduced pace of night flight operations, and the longer night landing patterns which gives the pilot a greater opportunity to establish his glideslope and angle of attack.
2. The mean values of aircraft approach speeds determined by this survey are higher than would be expected from review of the appropriate NATOPS approach speed versus landing weight curves. This variation ranged from sixteen knots for the F-18 night landings to six knots for the E-2C day landings of this survey. The distribution of measured values of sink speed are less than the sink speed values calculated from measured engaging speed as described in Mil-A-8863. The difference in mean sink speed ranged from 4.5 ft/sec lower for both day F-14 and night F-18 landings to 2.0 ft/sec lower for night F-14 landings.
3. The NATOPS approach speed curves consider only the effect of landing weight on approach speed. Individual landings are not fully defined by the NATOPS guidance. The variation in aircraft approach speed with landing weight, wind over deck conditions, external stores configuration and aircraft angle of attack are more complex than indicated by the NATOPS approach speed curves. The skill and training of the pilots are also significant in interpreting these survey results.



# RECOMMENDATIONS FOR ADDITIONAL ANALYSIS AND INVESTIGATIONS

Review of the results of this survey lead to the following recommendation to the NAVAL AIR SYSTEMS COMMAND for additional analysis and investigations of aircraft landing loads:

1. That additional studies and analysis of carrier landings be authorized to determine the effect of variations in ship speed and "wind over deck" conditions on aircraft landing performance.
2. That an analytical method be developed to establish aircraft engaging speed from carrier arresting gear ram runout . This would provide an supplementary means of monitoring aircraft engaging speeds from the arresting gears recovery log sheets, which are routinely recorded on the ship and forwarded to the NAVAL AIR ENGINEERING CENTER, Lakehurst N.J. This would permit adverse trends and potential problems to be identified prior to performing a full scale carrier survey. This would aid in planning and directing future survey efforts.
3. The substantial data base of carrier landings included in this report provide an excellent source of input data for the analysis of carrier landings. The data base on field landings for carrier aircraft, which account for 50% of all landings of these aircraft, is a candidate for further study. The analysis of field landings performed during 1981 at NAS OCEANA during Survey 39 identified significantly higher sink speeds than expected for those landings. Additional surveys should be authorized to verify the adequacy of the field landings sink speed distribution in the aircraft design specification MIL-A-8866(ASG).
4. An additional area of study is the short take off and landing (STOL) operation of the AV-8B Harrier. Operational landings of this model have never been recorded by this activity, and only hover landings of the AV-8A have been surveyed.

**TABLE 1: DAY/NIGHT MEAN LANDING VALUES COMPARISON**

PARAMETER		AIRCRAFT TYPE						
		F-14	F-18	A-6E	A-7E	EA-6B	E-2C	S-3A
NO. OF LANDINGS	DAY	157	190	68	151	56	79	165
	NIGHT	95	76	39	58	37	80	133
AVG. SINK SPEED	DAY	10	12	10	12	10	8	8
	NIGHT	12	11	11	11	10	8	9
ENGAGING SPEED	DAY	113	119	102	119	107	84	94
	NIGHT	109	121	101	112	109	85	91
LANDING WEIGHT	DAY	47788	30659	32722	23798	39132	43302	36764
	NIGHT	47953	30920	34146	23524	40086	43281	36740
GLIDE SLOPE	DAY	2.8	3.1	3.2	3.1	3.0	2.9	2.8
	NIGHT	3.4	2.7	3.5	3.3	2.8	3.2	2.8
APPROACH SPEED	DAY	140	145	129	145	134	108	122
	NIGHT	140	148	127	140	137	109	122
PITCH ANGLE	DAY	7.8	4.6	8.3	8.2	10.8	7.6	4.5
	NIGHT	7.5	4.7	8.2	8.0	10.2	7.6	4.7
PITCH RATE	DAY	1.8	0.3	0.5	1.0	1.6	-0.1	-0.1
	NIGHT	1.2	0.8	0.8	0.4	2.4	0.2	-0.0
WIND OVER DECK	DAY	28	26	26	26	27	24	27
	NIGHT	31	26	26	29	29	24	32

**TABLE 2: DAY/NIGHT LANDING COMPARISON USING A SIGNIFICANTS  
STATISTICAL TEST FOR THE MEAN DIFFERENCE OF TWO  
DATA SAMPLES (95% CONFIDENCE OR HIGHER)**

PARAMETER	AIRCRAFT TYPE						
	F-14	F-18	A-6E	A-7E	EA-6B	E-2C	S-3A
AVG. SINK SPEED	99%	99%	99%			98%	
ENGAGING SPEED	99%	99%	95%	99%			99%
LANDING WEIGHT			99%		99%		
GLIDE SLOPE	99%	99%	95%			95%	
APPROACH SPEED		99%	95%	99%	98%		
PITCH ANGLE							
PITCH RATE	95%						
WIND OVER DECK	99%			99%	99%		99%

***TABLE 3: SURVEY 45 DATA ANALYSIS***

<b>AIRCRAFT MODEL</b>	<b>LANDING TYPE</b>	<b>BETA VV INSTANTANEOUS GLIDESLOPE</b>	<b>BETA HW GEOMETRIC GLIDESLOPE</b>	<b>SHIPS DECK PITCH</b>
F-14A	DAY	2.8	3.1	-0.3
	NIGHT	3.4		-0.3
F-18	DAY	3.1	3.2	-0.3
	NIGHT	2.7		-0.4
A-6E	DAY	3.2	3.3	-0.4
	NIGHT	3.5		-0.4
A-7E	DAY	3.1	3.4	-0.2
	NIGHT	3.3		-0.2
EA-6B	DAY	3.0	3.1	-0.3
	NIGHT	2.8		-0.4
E-2C	DAY	2.9	3.2	-0.1
	NIGHT	3.2		-0.2
S-3A	DAY	2.8	3.2	-0.3
	NIGHT	2.8		-0.4
TA-3	DAY	3.2	3.7	-0.3
T-2C	DAY	3.0	2.8	-0.1
TA-4	DAY	2.8	3.2	-0.3

**TABLE 4: SURVEY 45 DATA ANALYSIS**

AIRCRAFT MODEL	LANDING TYPE	MEAN	MEAN	NATOPS	WIND	EXCESS	NATOPS	DELTA
		APPROACH SPEED	LANDING WEIGHT	RECOMMENDED APPROACH SPEED	OVER DECK	WIND OVER DECK	PLUS EXCESS WIND	
F-14A	DAY	140	47788	129	28	8	136.5	3.9
	NIGHT	140	47953	129	31	11	139.8	-0.1
F-18	DAY	145	30659	132	26	6	137.6	7.6
	NIGHT	148	30920	132	27	7	139.18	8.82
A-6E	DAY	129	32722	114	26	6	119.88	8.82
	NIGHT	127	34146	116	26	6	122.48	4.22
A-7E	DAY	145	23798	128	26	6	134.3	10.6
	NIGHT	140	23524	128	29	9	136.6	3.8
EA-6B	DAY	134	39132	120	27	7	127.2	6.8
	NIGHT	137	40086	122	29	9	130.6	6.7
E-2C	DAY	108	43302	102	24	4	105.63	1.97
	NIGHT	109	43281	102	24	4	105.6	2.9
S-3A	DAY	122	36764	111	27	7	118.36	3.34
	NIGHT	122	36740	111	32	12	123.32	-0.92

**TABLE 5: SURVEY 45 DAY CARRIER LANDINGS SUMMARY  
FOR F-14A MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	158	10.4	2.59	-0.58	3.48
Vvs	157	10.2	2.69	-0.33	3.66
Vva	157	10.3	2.55	-0.66	3.61
Vva ff	30	9.3	3.13	-0.34	2.49
Vvn	158	9.7	2.57	-0.43	3.81
Kle	158	1.1	0.10	0.26	2.95
Kle ff	30	1.09	0.11	0.73	3.70
Vw	158	28	3.40	0.39	1.89
Vef	158	113	4.44	-0.01	2.65
Vpaf	158	140	4.03	-0.01	2.80
Vpamin	156	121	2.06	-0.35	2.24
Kvpamin	156	1.17	0.03	0.04	2.65
PITCH ramp	156	9.2	1.15	0.04	3.12
PITCH td	158	7.8	1.17	0.61	4.62
PITCH td ff	30	8.1	1.18	0.79	3.07
ROLL ramp	156	-0.2	2.50	0.33	3.44
ROLL td	158	-0.6	2.10	0.10	3.34
ROLL td ff	30	-0.5	1.39	0.82	3.46
PITCH RATE	157	1.78	2.18	1.10	3.82
ROLL RATE	157	0.4	5.22	-1.55	10.54
DECK PITCH	153	-0.3	0.20	0.36	3.64
DECK ROLL	153	-0.3	1.17	0.17	2.55
OFFCENTER	158	-12.9	4.16	0.21	3.69
RAMP TO TD DISTANCE	158	246	42.8	-0.78	4.35
WEIGHT	156	47788	1629	-0.32	2.22
WHEEL HEIGHT	156	15.4	3.52	0.14	3.20
HOOK HEIGHT	156	10.7	3.60	0.13	3.23
GEOMETRIC GLIDESLOPE	156	3.1	0.58	0.13	2.76
INSTANTANEOUS GLIDESLOPE	157	2.8	0.78	-0.61	3.51
WIRE #	113	2.6	0.92	-0.08	2.17
PHI RATE	158	0.5	2.31	-2.30	22.45
PHI TD	158	1.8	1.74	-0.62	3.70
F.P.A.	158	-3.1	1.10	-1.02	6.04
YAW	158	4.9	2.17	-0.27	3.40

**TABLE 6: SURVEY 45 NIGHT CARRIER LANDINGS SUMMARY  
FOR F-14A MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	95	12.1	2.93	-0.11	3.22
Vvs	95	11.6	2.92	-0.28	2.92
Vva	95	11.9	2.76	-0.45	3.38
Vva ff	7	12.2	1.99	0.58	1.89
Vvn	95	10.9	2.75	-0.06	3.75
Kle	95	1.05	0.11	0.96	4.99
Kle ff	7	1.04	0.5	0.29	1.08
Vw	95	31	5.00	-0.08	1.38
Vef	95	109	6.56	0.75	4.15
Vpaf	95	140	5.88	1.16	6.94
Vp'amin	95	121	1.93	-0.31	2.99
Kvp'amin	95	1.16	0.05	0.92	5.91
PITCH td	95	7.5	1.34	0.67	5.89
PITCH td ff	7	8.4	1.19	-0.07	2.04
ROLL td	95	-0.3	2.71	-0.02	3.78
ROLL td ff	7	0.2	1.12	-0.02	1.25
PITCH RATE	95	1.2	1.96	1.15	4.19
ROLL RATE	95	1.3	6.85	0.20	3.48
DECK PITCH	95	-0.3	0.20	0.14	3.04
DECK ROLL	95	-0.4	1.42	-1.64	9.47
OFFCENTER	95	-12.6	5.07	0.88	7.45
RAMP TO TD DISTANCE	95	256	42	-0.29	2.68
WEIGHT	95	47953	1525	-0.26	2.93
INSTANTANEOUS GLIDESLOPE	95	3.36	0.89	-0.57	3.49
WIRE #	69	2.8	0.94	-0.40	1.81
PHI RATE	95	-0.1	2.72	-0.96	7.94
PHI TD	95	2.8	1.63	0.02	2.44
F.P.A.	95	-3.4	1.9	-0.19	4.96
YAW	95	6.2	2.88	0.27	2.79

**TABLE 7: SURVEY 45 DAY CARRIER LANDINGS SUMMARY  
FOR F-18 MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	196	12.0	2.27	0.02	3.79
Vvs	196	12.0	2.30	-0.34	4.65
Vva	196	12.0	2.17	-0.05	3.95
Vva ff	10	12.0	1.91	0.58	2.11
Vvn	196	10.6	2.33	-0.07	3.40
Kle	196	1.1	0.08	0.00	3.43
Kle ff	10	1.0	0.06	-0.37	2.29
Vw	195	26	2.89	0.21	1.76
Vef	196	118	7.62	-2.31	12.05
Vpaf	195	144	7.31	-2.15	11.56
Vpamin	185	134	2.53	-0.49	2.48
Kvpamin	185	1.08	0.05	-2.58	15.09
PITCH ramp	191	4.8	0.99	-1.68	10.59
PITCH td	196	4.6	1.11	-0.30	3.11
PITCH td ff	10	5.4	0.53	-1.39	4.25
ROLL ramp	191	0.4	3.28	0.12	3.03
ROLL td	196	0.2	2.49	0.43	5.08
ROLL td ff	10	0.2	1.88	-0.51	2.20
PITCH RATE	196	0.25	1.91	-0.22	4.09
ROLL RATE	196	0.2	7.15	-0.34	5.83
DECK PITCH	195	-0.3	0.17	0.00	2.97
DECK ROLL	195	-0.4	1.07	-0.47	3.29
OFFCENTER	196	-9.4	5.14	0.99	6.17
RAMP TO TD DISTANCE	196	254	38.3	0.11	2.64
WEIGHT	185	30659	1151	-0.45	2.44
WHEEL HEIGHT	191	16.8	2.78	0.17	3.07
HOOK HEIGHT	191	13.6	2.77	0.20	2.99
GEOMETRIC GLIDESLOPE	191	3.2	0.50	-0.07	3.82
INSTANTANEOUS GLIDESLOPE	196	3.1	0.63	-0.04	3.74
WIRE #	152	2.9	0.72	0.03	2.14
PHI RATE	191	2.9	3.31	-0.59	5.01
PHI TD	191	-1.5	3.19	0.54	2.22
F.P.A.	196	1.7	3.44	0.53	4.95
YAW	196	-3.1	1.21	0.55	2.90



**TABLE 8: SURVEY 45 NIGHT CARRIER LANDINGS SUMMARY  
FOR F-18 MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	77	10.6	2.69	0.08	2.91
Vvs	77	10.7	2.78	0.19	2.77
Vva	77	10.7	2.74	0.15	2.89
Vva ff	2	9.5	1.14	0.00	1.00
Vvn	77	9.8	2.53	-0.27	2.70
Kle	77	1.1	0.15	2.28	13.39
Kle ff	2	1.1	0.05	0	1.00
Vw	77	27	3.10	-0.71	2.35
Vef	77	121	5.36	0.28	3.08
Vpaf	77	148	6.30	0.02	2.57
Vp'amin	77	135	4.19	5.47	41.32
Kvp'amin	77	1.1	0.05	-0.77	5.17
PITCH td	77	4.6	0.86	-0.47	4.75
PITCH td fr	2	6.0	0.35	0.00	1.00
ROLL td	77	0.2	2.61	-0.64	5.58
ROLL td ff	2	1.8	0.40	0.00	1.00
PITCH RATE	77	0.6	3.50	-2.69	17.22
ROLL RATE	77	-0.6	7.53	0.58	5.84
DECK PITCH	77	-0.4	0.19	-0.33	2.58
DECK ROLL	77	-0.3	0.84	-0.55	3.66
OFFCENTER	77	-12.5	4.35	-0.05	3.43
RAMP TO TD DISTANCE	77	252	39	-0.11	2.68
WEIGHT	77	30920	989	0.24	2.95
INSTANTANEOUS GLIDESLOPE	77	2.62	0.78	0.13	3.21
WIRE #	63	2.9	0.75	0.21	1.82
PHI RATE	76	2.5	5.01	-1.31	8.64
PHI TD	76	-0.9	2.99	0.33	2.09
F.P.A.	77	-2.9	7.45	7.48	62.61
YAW	77	2.1	7.61	-5.28	40.54

**TABLE 9: SURVEY 45 DAY CARRIER LANDINGS SUMMARY  
FOR A-6E MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	68	10.0	1.66	-0.08	2.73
Vvs	68	9.8	1.41	0.06	3.09
Vva	68	9.9	1.44	-0.05	3.13
Vva ff	6	10.1	1.62	-0.03	1.67
Vvn	68	8.3	2.40	-0.70	5.59
Kle	68	1.0	0.07	-0.05	2.33
Kle ff	6	1.0	0.07	-0.23	2.11
Vw	68	26	2.08	0.06	2.53
Vef	68	102	3.92	0.01	2.59
Vpaf	68	129	4.52	0.20	2.76
Vpamin	68	109	2.80	-0.18	2.17
Kvpamin	68	1.19	0.04	-0.21	2.98
PITCH ramp	68	9.8	0.88	0	3.25
PITCH td	68	8.3	1.17	-0.27	2.60
PITCH td ff	6	8.6	1.16	-0.17	1.43
ROLL ramp	68	0.4	2.17	0.86	4.11
ROLL td	68	0.2	1.79	1.28	6.25
ROLL td ff	6	0.3	1.58	-0.11	1.83
PITCH RATE	68	0.51	2.06	-0.21	2.96
ROLL RATE	68	0.6	5.08	0.01	4.53
DECK PITCH	51	-0.2	0.21	-0.16	3.91
DECK ROLL	51	-0.4	0.63	1.00	8.12
OFFCENTER	68	-11	2.88	0.65	3.77
RAMP TO TD DISTANCE	68	268	23.4	-0.20	2.18
WEIGHT	68	32722	1080	-0.15	2.18
WHEEL HEIGHT	68	16.6	2.50	0.88	4.39
HOOK HEIGHT	68	11.3	2.55	0.84	4.20
GEOMETRIC GLIDESLOPE	68	3.3	0.44	0.29	3.01
INSTANTANEOUS GLIDESLOPE	68	3.2	0.50	-0.44	2.91
WIRE #	54	3.3	0.68	-0.41	2.17
PHI RATE	68	2.7	2.66	0.45	2.42
PHI TD	68	-2.7	3.78	0.17	1.64
F.P.A.	68	-3.2	0.89	1.07	5.55
YAW	68	0.6	3.53	0.08	1.76

**TABLE 10: SURVEY 45 NIGHT CARRIER LANDINGS SUMMARY  
FOR A-6E MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	39	10.9	2.06	-0.09	2.83
Vvs	39	10.8	1.99	-0.27	3.28
Vva	39	10.9	2.01	-0.26	3.09
Vva ff	7	8.7	2.16	-1.22	2.95
Vvn	39	9.3	2.38	-0.03	2.82
Kle	39	1.0	0.11	0.83	3.53
Kle ff	7	1.1	0.11	0.88	2.23
Vw	39	26	2.75	1.46	3.53
Vef	39	101	3.65	0.65	3.45
Vpaf	39	127	3.96	0.24	2.64
Vp'amin	39	111	1.92	-2.14	9.66
Kvp'amin	39	1.14	0.03	0.22	2.44
PITCH td	39	8.2	1.18	0.53	4.94
PITCH td ff	7	8.5	0.70	0.09	2.06
ROLL td	39	0.4	1.75	-0.04	2.28
ROLL td ff	7	0.2	1.63	-0.04	1.33
PITCH RATE	39	0.8	2.82	0.27	3.51
ROLL RATE	39	0.9	4.61	0.17	3.99
DECK PITCH	39	-0.2	0.32	0.07	1.21
DECK ROLL	39	-0.4	0.69	-0.63	6.97
OFFCENTER	39	-11.0	3.87	-0.04	2.89
RAMP TO TD DISTANCE	39	265.38	28	0.52	2.52
WEIGHT	39	34146	1161	-2.04	9.07
INSTANTANEOUS GLIDESLOPE	39	3.50	0.79	-0.18	2.40
WIRE #	31	3.1	0.80	-0.12	1.57
PHI RATE	39	2.3	2.26	2.47	3.01
PHI TD	39	-1.5	4.37	-0.71	2.2
F.P.A.	39	-2.8	1.18	0.67	3.12
YAW	39	1.3	4.19	-0.61	2.54

**TABLE 11: SURVEY 45 DAY CARRIER LANDINGS SUMMARY  
FOR A-7E MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	151	11.6	1.80	-0.06	2.73
Vvs	151	11.4	1.87	-0.29	3.09
Vva	151	11.5	1.77	-0.15	3.13
Vva ff	7	10.5	1.34	0.36	1.67
Vvn	151	11.5	2.00	-0.73	5.59
Kle	151	1.1	0.98	0.73	2.33
Kle ff	7	1.1	0.08	-0.27	2.11
Vw	151	26	1.93	1.34	2.53
Vef	151	119	5.36	-0.35	2.59
Vpaf	151	145	5.30	0.08	2.76
Vpamin	141	134	2.63	-0.47	2.17
Kvpamin	141	1.08	0.04	-0.17	2.98
PITCH ramp	147	8.8	1.05	0.03	3.25
PITCH td	151	8.2	1.38	0.23	2.60
PITCH td ff	7	10.3	1.32	0.70	1.43
ROLL ramp	147	0.6	2.57	-0.17	4.11
ROLL td	151	-0.6	1.98	0.22	6.25
ROLL td ff	7	0.3	1.50	-1.57	1.83
PITCH RATE	151	1.04	3.00	-0.06	2.96
ROLL RATE	151	1.9	5.40	0.06	4.53
DECK PITCH	128	-0.2	0.17	-0.49	3.91
DECK ROLL	128	-0.5	0.63	1.41	8.12
OFFCENTER	151	-9.2	4.16	1.08	3.77
RAMP TO TD DISTANCE	151	253	32.9	-0.14	2.18
WEIGHT	141	23799	927	-0.44	2.18
WHEEL HEIGHT	147	16.3	2.48	0.02	4.39
HOOK HEIGHT	147	12.9	2.50	-0.06	4.20
GEOMETRIC GLIDESLOPE	147	3.4	0.45	-0.33	3.01
INSTANTANEOUS GLIDESLOPE	151	3.1	0.52	-0.05	2.91
WIRE #	119	2.9	0.73	-0.24	2.17
PHI RATE	151	3.1	2.33	0.06	2.42
PHI TD	151	-2.3	2.71	0.61	1.64
F.P.A.	151	-3.4	0.8	-0.64	5.55
YAW	151	1.2	2.86	0.56	1.76

**TABLE 12: SURVEY 45 NIGHT CARRIER LANDINGS SUMMARY  
FOR A-7E MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	58	11.3	2.54	-0.05	2.02
Vvs	58	11.2	2.51	-0.01	2.75
Vva	58	11.3	2.46	-0.04	2.36
Vvn	58	11.2	2.40	-0.36	2.76
Kle	58	1.1	0.10	0.74	3.20
Vw	58	29	3.71	-0.20	1.16
Vef	58	112	8.72	0.70	5.26
Vpaf	58	140	9.49	1.20	5.34
Vp'amin	58	134	3.71	-1.56	6.08
Kvp'amin	58	1.05	0.07	1.00	4.28
PITCH td	58	8.0	1.59	0.63	3.36
ROLL td	58	-0.6	1.72	-0.42	3.03
PITCH RATE	58	0.4	3.00	0.18	3.60
ROLL RATE	58	0.9	8.10	-0.46	3.12
DECK PITCH	58	-0.2	0.23	-0.23	2.68
DECK ROLL	58	0.2	0.84	1.1	3.89
OFFCENTER	58	-8.5	4.01	0.12	3.54
RAMP TO TD DISTANCE	58	271	36	-0.51	2.78
WEIGHT	58	23524	1280	-1.45	5.64
INSTANTANEOUS GLIDESLOPE	58	3.25	0.82	0.02	2.68
WIRE #	47	3.2	0.87	-0.67	2.50
PHI RATE	58	-0.5	2.97	0.51	3.99
PHI TD	58	2.3	1.46	-2.14	11.51
F.P.A.	58	-3.3	2.22	0.72	4.51
YAW	58	5.5	2.68	-0.37	2.58
PHI RATE	39	2.3	2.26	2.47	3.01
PHI TD	39	-1.5	4.37	-0.71	2.2
F.P.A.	39	-2.8	1.18	0.67	3.12
YAW	39	1.3	4.19	-0.61	2.54

**TABLE 13: SURVEY 45 DAY CARRIER LANDINGS SUMMARY  
FOR EA-6B MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	56	10.6	1.86	-0.17	2.76
Vvs	56	10.3	1.81	0.51	3.39
Vva	56	10.4	1.73	0.03	2.77
Vva ff	5	8.2	1.63	0.22	1.38
Vvn	56	6.6	3.42	-0.23	1.79
Kle	56	1.0	0.09	0.19	2.18
Kle ff	5	1.1	0.07	0.34	1.85
Vw	56	27	3.66	0.02	1.62
Vef	56	107	5.32	0.53	3.23
Vpaf	56	134	6.08	0.16	2.55
Vpamin	53	119	2.39	0.29	3.22
Kvpamin	53	1.13	0.05	0.28	2.98
PITCH ramp	56	12.3	1.32	-0.27	3.07
PITCH td	56	10.8	1.41	0.07	2.46
PITCH td ff	5	11.7	0.40	-0.41	2.20
ROLL ramp	56	0.7	2.91	0.19	2.40
ROLL td	56	0.0	2.62	1.03	4.84
ROLL td ff	5	-0.8	0.42	0.12	1.75
PITCH RATE	56	1.6	2.33	0.68	3.30
ROLL RATE	56	1.1	4.84	0.31	3.78
DECK PITCH	56	-0.3	0.17	-0.19	3.40
DECK ROLL	56	-0.4	0.86	-0.44	4.05
OFFCENTER	56	-9.6	4.60	0.43	3.57
RAMP TO TD DISTANCE	56	246	33.8	-0.81	3.93
WEIGHT	53	39132	1579	0.35	0.36
WHEEL HEIGHT	56	15.8	2.27	0.71	3.46
HOOK HEIGHT	56	9.8	2.41	0.60	3.20
GEOMETRIC GLIDESLOPE	56	3.1	0.52	0.86	5.44
INSTANTANEOUS GLIDESLOPE	56	3.0	0.57	-0.47	3.04
WIRE #	49	3.1	0.69	-0.16	2.10
PHI RATE	56	1.1	3.01	-0.34	3.54
PHI TD	56	0.1	2.2	-0.71	2.81
F.P.A.	56	-2.9	1.43	-0.69	6.25
YAW	56	3.0	2.60	0.31	4.65

**TABLE 14: SURVEY 45 NIGHT CARRIER LANDINGS SUMMARY  
FOR EA-6B MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	37	10.3	2.49	-0.01	1.98
Vvs	37	9.9	2.12	0.20	2.17
Vva	37	10.1	2.21	0.02	2.08
Vva ff	3	9.3	2.96	0.34	1.50
Vvn	37	6.7	3.41	0.31	2.81
Kle	37	1.1	0.09	0.47	2.59
Kle ff	3	1.1	0.09	-0.71	1.50
Vw	37	29	1.62	-0.63	2.42
Vef	37	109	6.63	1.77	9.45
Vpaf	37	137	6.65	2.20	10.97
Vp'amin	37	120	2.22	-0.62	3.42
Kvp'amin	37	1.14	0.07	2.79	13.86
PITCH td	37	10.2	1.63	0.21	2.50
PITCH td ff	3	11.8	1.05	-0.63	1.50
ROLL td	37	1.1	2.33	-0.07	2.65
ROLL td ff	3	-1.5	2.00	0.02	1.50
PITCH RATE	37	2.4	3.20	0.71	2.70
ROLL RATE	37	1.9	5.99	0.41	2.86
DECK PITCH	37	-0.4	0.20	0.69	4.23
DECK ROLL	37	-0.1	0.83	0.01	2.68
OFFCENTER	37	-11.8	3.88	0.46	3.66
RAMP TO TD DISTANCE	37	249	40	0.08	2.90
WEIGHT	37	40086	1476	-0.57	3.32
INSTANTANEOUS GLIDESLOPE	37	2.74	0.69	-0.23	2.23
WIRE #	27	2.6	0.82	0.78	1.92
PHI RATE	37	3.7	4.27	-0.43	2.89
PHI TD	37	-1.7	3.07	0.18	1.76
F.P.A.	37	-3.9	1.8	1.15	5.27
YAW	37	2.2	3.62	0.36	2.23

**TABLE 15: SURVEY 45 E-2C DAY CARRIER LANDING DATA SUMMARY**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	79	7.7	1.93	-0.08	2.77
Vvs	79	7.5	1.94	0.09	4.09
Vva	79	7.5	1.75	-0.32	3.17
Vva ff	4	6.7	1.17	0.38	1.93
Vvn	79	6.2	2.29	-0.39	3.11
Kle	79	1.0	0.11	0.46	3.16
Kle ff	4	1.1	0.8	0.49	1.63
Vw	79	24	1.24	-1.43	4.51
Vef	79	83	4.24	-0.69	7.45
Vpaf	79	108	4.30	-0.72	8.75
Vsp'a	78	86	1.10	0.29	2.76
Kvsp'a	78	1.25	0.03	0.42	3.61
PITCH ramp	75	9.0	1.54	-1.83	11.78
PITCH td	79	7.6	1.18	-1.03	7.78
PITCH td ff	4	8.9	1.46	0.45	1.69
ROLL ramp	75	1.0	2.82	0.69	3.54
ROLL td	79	0.4	2.34	0.41	4.06
ROLL td ff	4	1.8	1.01	-0.04	1.10
PITCH RATE	79	-0.1	2.23	0.37	4.80
ROLL RATE	79	0.3	4.95	-0.34	3.75
DECK PITCH	79	-0.1	0.21	0.29	3.09
DECK ROLL	79	0.2	0.77	0.46	3.88
OFFCENTER	79	-11.1	3.61	-0.30	2.63
RAMP TO TD DISTANCE	66	253.18	4.74	0.57	3.60
WEIGHT	78	43302	1115	0.33	2.78
WHEEL HEIGHT	75	15.2	2.44	0.16	2.70
HOOK HEIGHT	75	9.4	2.57	0.31	2.66
GEOMETRIC GLIDESLOPE	75	2.7	0.49	0.53	3.45
INSTANTANEOUS GLIDESLOPE	79	2.9	0.75	-0.05	2.81
WIRE #	65	2.6	0.68	0.54	2.60
PHI RATE	79	-0.1	2.23	0.37	4.80
PHI TD	79	-0.1	1.96	-0.04	2.38
F.P.A.	79	-2.6	1.64	0.10	3.62
YAW	79	2.4	2.57	-0.22	2.77



**TABLE 16: SURVEY 45 NIGHT CARRIER LANDINGS SUMMARY  
FOR E-2C MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	80	8.2	2.31	-0.23	3.00
Vvs	80	8.0	2.45	-0.16	3.23
Vva	80	8.3	2.18	-0.20	3.20
Vva ff	6	9.5	1.24	0.60	2.13
Vvn	80	6.3	2.57	-0.14	2.90
Kle	80	1.0	0.12	0.63	2.83
Kle ff	6	1.1	0.16	0.53	1.55
Vw	80	24	2.76	0.57	2.26
Vef	80	85	5.04	-0.06	3.72
Vpaf	80	108	5.34	0.26	2.68
Vsp'a	80	86	1.03	0.80	4.28
Kvsp'a	80	1.26	0.06	0.23	2.83
PITCH td	80	7.6	1.14	0.14	2.45
PITCH td ff	6	8.6	0.79	-0.06	1.93
ROLL td	80	1.2	3.06	1.02	5.05
ROLL td ff	6	0.5	0.98	0.94	3.08
PITCH RATE	80	0.2	1.98	0.15	4.48
ROLL RATE	80	1.1	4.95	-0.68	4.17
DECK PITCH	80	-0.2	0.16	0.50	3.67
DECK ROLL	80	0.0	0.92	-0.64	3.41
OFFCENTER	80	-11.9	4.20	0.73	4.20
RAMP TO TD DISTANCE	80	254	5.65	-0.16	2.53
WEIGHT	80	43281	1047	0.84	4.36
INSTANTANEOUS GLIDESLOPE	80	3.2	0.89	0.03	3.44
WIRE #	71	3.1	0.62	-0.08	2.56
PHI RATE	80	0.6	3.27	0.24	4.15
PHI TD	80	0.6	2.27	-0.39	2.92
F.P.A.	80	-3.5	2.22	1.13	4.39
YAW	80	4.0	3.26	-0.80	3.50

**TABLE 17: SURVEY 45 DAY CARRIER LANDINGS SUMMARY  
FOR S-3A MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	165	8.5	2.07	0.31	3.58
Vvs	165	8.2	2.00	0.48	3.89
Vva	165	8.4	1.96	0.47	4.27
Vva ff	13	6.9	1.98	0.30	2.96
Vvn	165	8.1	1.70	0.47	3.73
Kle	165	1.0	0.09	0.32	3.52
Kle ff	13	1.1	0.07	-0.13	2.70
Vw	165	27	4.58	0.29	3.00
Vef	165	94	5.38	0.09	2.61
Vpaf	165	122	4.75	-0.21	2.54
Vp'amin	164	105	2.14	0.29	2.37
Kvp'amin	164	1.16	0.05	0.18	2.74
PITCH ramp	161	5.5	1.19	0.55	3.89
PITCH td	165	4.5	1.20	0.18	3.57
PITCH td ff	13	5.1	0.89	0.00	2.40
ROLL ramp	161	-0.1	2.08	0.48	3.65
ROLL td	165	-0.6	1.89	0.57	4.48
ROLL td ff	13	-0.5	1.17	0.34	2.05
PITCH RATE	165	-0.1	2.57	-0.11	4.87
ROLL RATE	165	1.0	4.10	0.07	3.81
DECK PITCH	149	-0.3	0.21	-0.04	2.37
DECK ROLL	149	-0.4	1.09	0.12	3.59
OFFCENTER	165	10.6	4.52	0.22	2.97
RAMP TO TD DISTANCE	165	248	32.93	-0.39	2.85
WEIGHT	164	36764	1501	0.33	2.39
WHEEL HEIGHT	161	15.5	2.56	0.71	3.57
HOOK HEIGHT	161	12.8	2.57	0.64	3.50
GEOMETRIC GLIDESLOPE	161	3.23	0.67	0.74	4.01
INSTANTANEOUS GLIDESLOPE	165	2.80	0.70	0.45	3.20
WIRE #	131	2.6	0.76	0.47	2.34
PHI RATE	165	1.6	2.65	0.10	4.09
PHI TD	165	-1.3	2.82	0.03	2.02
F.P.A.	165	-3.1	1.13	0.60	4.30
YAW	165	1.8	2.92	0.05	2.72

**TABLE 18: SURVEY 45 NIGHT CARRIER LANDINGS SUMMARY  
FOR S-3A MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	133	8.6	1.97	-0.06	3.16
Vvs	133	8.4	2.20	0.02	2.54
Vva	133	8.6	1.92	-0.13	2.66
Vva ff	7	7.7	2.23	-0.59	2.06
Vvn	133	8.2	1.80	-0.08	2.63
Kle	133	1.0	0.09	-0.06	3.97
Kle ff	7	1.0	0.05	0.95	1.90
Vw	133	32	2.04	0.01	1.98
Vef	133	91	5.87	-0.17	3.39
Vpaf	133	122	5.64	-0.38	4.99
Vp'amin	133	105	2.55	-0.05	2.19
Kvp'amin	133	1.17	0.05	-0.26	4.00
PITCH td	133	4.7	1.23	-0.57	5.40
PITCH td ff	7	5.1	0.78	1.27	3.63
ROLL td	133	-1.0	2.23	0.22	3.43
ROLL td ff	6	-1.0	1.63	0.73	1.96
PITCH RATE	133	-0.4	2.33	-0.42	3.45
ROLL RATE	133	0.6	5.91	0.55	4.06
DECK PITCH	133	-0.4	0.21	0.15	2.17
DECK ROLL	133	-0.3	1.04	-0.28	3.55
OFFCENTER	133	10.7	5.34	0.36	3.81
RAMP TO TD DISTANCE	133	276	38.32	-0.28	2.65
WEIGHT	133	36741	1782	0.00	2.19
INSTANTANEOUS GLIDESLOPE	133	2.84	0.71	-0.37	2.78
WIRE #	98	3.0	0.77	-0.20	2.34
PHI RATE	133	1.4	3.71	0.80	5.10
PHI TD	133	-0.5	3.36	0.21	1.85
F.P.A.	133	-3.5	1.58	1.50	10.27
YAW	133	3.1	3.68	0.27	2.45

**TABLE 19: SURVEY 45 DAY CARRIER LANDINGS SUMMARY  
FOR TA-3B MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	23	9.9	2.10	0.22	2.36
Vvs	23	10.0	2.23	-0.10	2.72
Vva	23	10.0	2.13	-0.14	2.57
Vva ff	2	7.6	2.50	0.00	1.00
Vvn	23	10.3	1.63	-0.07	2.15
Kle	23	1.1	0.11	0.17	2.27
Kle ff	2	1.1	0.0	0.0	0.0
Vw	23	24	1.88	0.32	2.91
Vef	23	100	4.51	0.50	1.94
Vpaf	23	125	4.47	0.40	2.27
Vp'amin	22	113	2.14	-0.81	2.92
Kvp'amin	22	1.11	0.05	0.75	2.66
PITCH ramp	23	3.1	1.21	0.17	2.71
PITCH td	23	2.9	1.07	0.52	2.74
PITCH td ff	2	4.5	0.05	0.00	1.00
ROLL ramp	23	-1.0	1.45	0.03	2.75
ROLL td	23	-0.7	1.65	-0.44	3.17
ROLL td ff	2	-3.3	1.40	0.00	1.00
PITCH RATE	23	1.7	2.62	-0.27	2.66
ROLL RATE	23	-0.2	2.79	-0.09	2.50
DECK PITCH	19	-0.3	0.13	-0.60	2.04
DECK ROLL	19	0.58	0.40	-0.73	2.68
OFFCENTER	23	-8.9	4.08	-0.24	1.99
RAMP TO TD DISTANCE	23	243	34.93	-0.28	3.76
WEIGHT	22	48109	1808	-0.77	2.83
WHEEL HEIGHT	23	17.2	2.66	-0.10	2.10
HOOK HEIGHT	23	13.8	2.80	-0.11	2.11
GEOMETRIC GLIDESLOPE	23	3.71	0.73	0.18	2.56
INSTANTANEOUS GLIDESLOPE	23	3.15	0.75	-0.20	2.32
WIRE #	16	2.6	0.86	0.39	2.21
PHI RATE	23	-0.8	1.22	0.12	2.63
PHI TD	23	3.2	2.31	-0.98	3.71
F.P.A.	23	-3.4	1.25	0.49	4.22
YAW	23	6.6	2.93	-0.58	2.53

**TABLE 20: SURVEY 45 DAY CARRIER LANDINGS SUMMARY  
FOR T-2C MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	498	7.9	2.28	0.42	4.44
Vvs	498	7.2	2.15	0.59	4.17
Vva	498	7.5	1.94	0.62	4.48
Vva ff	28	7.0	1.86	1.46	5.85
Vvn	498	7.5	1.94	0.37	4.02
Kle	498	1.0	0.10	0.85	6.53
Kle ff	28	1.1	0.08	-0.5	2.9
Vw	498	24	1.91	0.12	3.44
Vef	498	82	5.42	0.32	4.33
Vpaf	498	106	5.41	0.31	3.83
Vp'amin	496	95	1.84	0.73	6.29
Kvp'amin	496	1.12	0.06	0.59	4.97
PITCH ramp	490	6.0	1.29	0.36	4.15
PITCH td	498	4.8	1.57	0.37	3.22
PITCH td ff	28	5.8	1.22	0.84	3.76
ROLL ramp	490	-0.2	2.81	0.09	3.57
ROLL td	498	0.1	2.93	0.57	3.62
ROLL td ff	28	-0.9	1.36	-0.07	2.54
PITCH RATE	498	0.9	3.56	-0.02	4.80
ROLL RATE	498	1.8	6.59	0.10	3.68
DECK PITCH	493	-0.1	0.21	-0.39	3.03
DECK ROLL	493	-0.1	0.95	0.13	4.35
OFFCENTER	498	-11.1	5.23	-0.01	4.12
RAMP TO TD DISTANCE	498	248	44.5	-0.33	2.66
WEIGHT	496	9433	367	0.87	6.67
WHEEL HEIGHT	490	15.7	3.04	0.20	2.93
HOOK HEIGHT	490	13.2	3.08	0.14	2.92
GEOMETRIC GLIDESLOPE	498	2.8	0.66	0.97	5.59
INSTANTANEOUS GLIDESLOPE	498	3.00	0.83	0.57	4.08
WIRE #	310	2.9	0.80	0.22	1.61
PHI RATE	498	-0.2	5.45	-1.08	16.05
PHI TD	498	0.8	2.11	0.04	4.06
F.P.A.	498	-2.8	2.26	0.38	10.10
YAW	498	3.6	3.41	-0.19	4.86

**TABLE 21: SURVEY 45 DAY CARRIER LANDINGS SUMMARY  
FOR TA-4J MODEL AIRCRAFT**

PARAMETER	NUMBER OF LANDINGS	MEAN	STANDARD DEVIATION	ALPHA 3	ALPHA 4
Vvp	635	10.4	2.33	0.18	3.13
Vvs	635	10.0	2.28	0.07	3.15
Vva	635	10.3	2.25	0.16	3.23
Vva ff	120	9.3	2.52	0.05	3.39
Vvn	635	10.2	2.33	-0.32	3.70
Kle	635	1.1	0.10	2.75	35.05
Kle ff	120	1.1	0.12	2.66	19.74
Vw	635	26	3.30	0.31	3.44
Vef	635	113	6.68	0.49	8.05
Vpaf	635	140	6.73	0.46	6.09
Vp'amin	624	129	1.47	-1.10	3.30
Kvp'amin	624	1.09	0.05	0.46	6.01
PITCH ramp	617	14.2	1.48	-0.01	3.23
PITCH td	635	11.9	1.50	-0.14	3.61
PITCH td ff	120	12.3	1.49	0.35	3.53
ROLL ramp	617	0.6	3.40	0.46	3.87
ROLL td	635	-0.9	2.83	0.29	3.94
ROLL td ff	120	-0.6	2.30	0.27	3.65
PITCH RATE	635	3.8	3.27	0.43	4.61
ROLL RATE	635	1.7	7.80	0.05	4.01
DECK PITCH	553	-0.3	0.20	0.40	3.54
DECK ROLL	553	0.15	1.17	0.27	3.28
OFFCENTER	635	-9.2	6.13	-0.33	4.58
RAMP TO TD DISTANCE	635	254	42.11	0.01	2.68
WEIGHT	624	14062	320	-1.08	3.25
WHEEL HEIGHT	617	15.8	3.20	0.66	3.57
HOOK HEIGHT	617	12.2	3.21	0.61	3.42
GEOMETRIC GLIDESLOPE	617	3.16	0.59	0.16	3.31
INSTANTANEOUS GLIDESLOPE	635	2.84	0.72	-0.11	3.41
WIRE #	452	2.8	0.88	-0.40	2.50
PHI RATE	635	3.0	3.87	0.26	6.79
PHI TD	635	-3.3	3.07	-0.8	3.43
F.P.A.	635	-3.8	1.89	0.07	6.23
YAW	635	0.6	3.64	-0.13	3.21

# F-14A DAY LANDINGS \* SURVEY 45

APPROACH SPEED VS WEIGHT

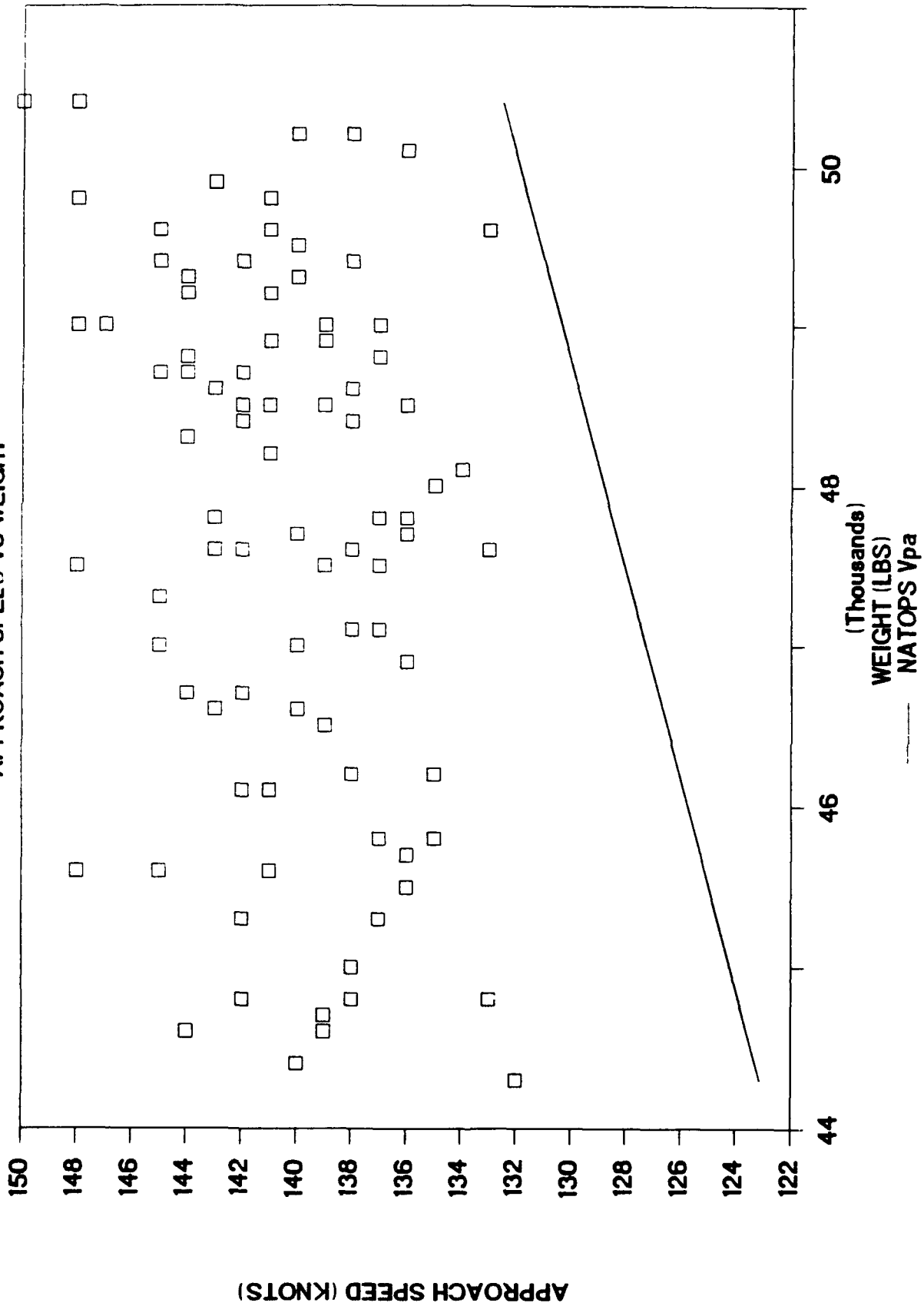


Figure 1

# F-14A NIGHT LANDINGS \* SURVEY 45

APPROACH SPEED VS WEIGHT

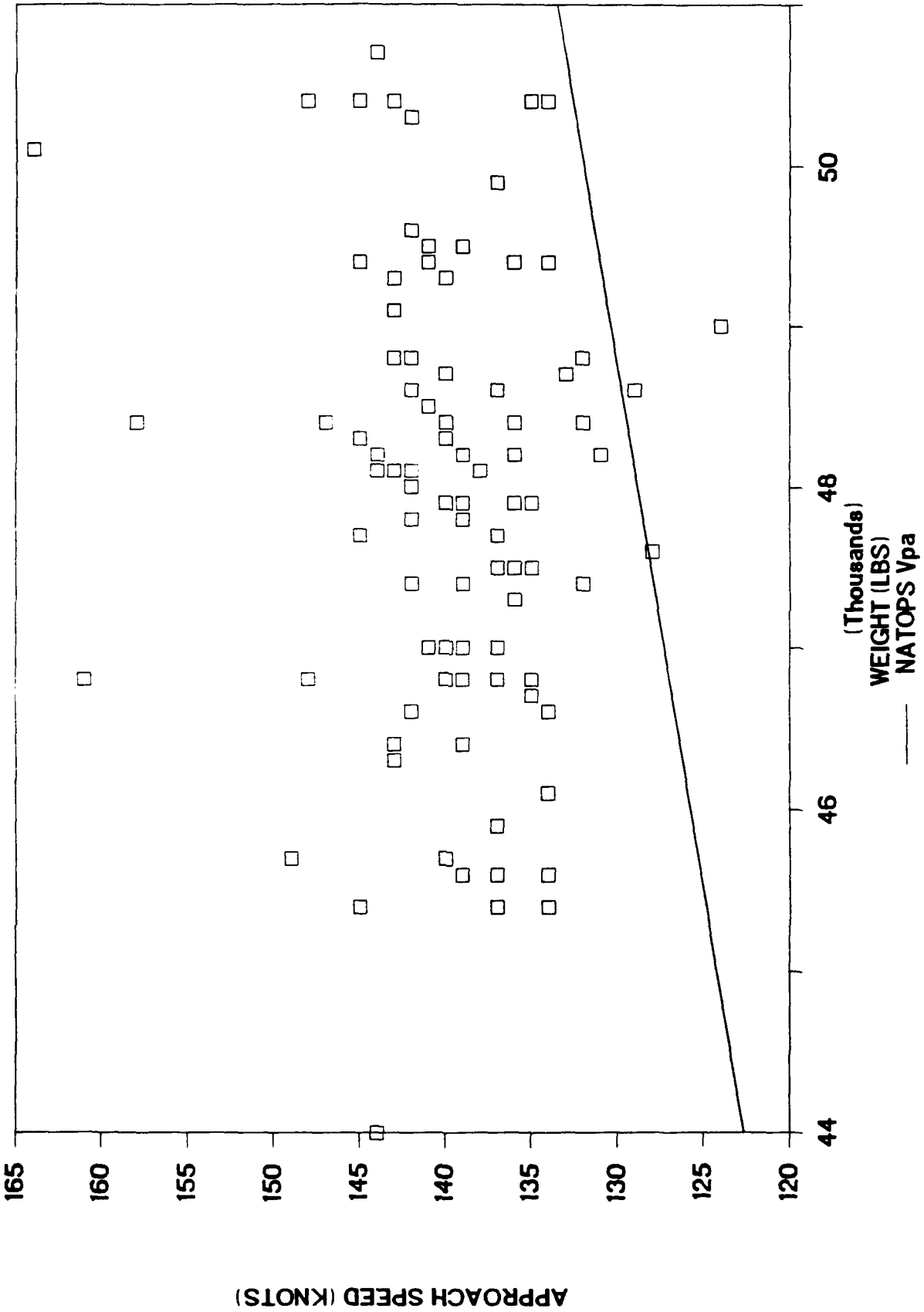


Figure 2



# F-18 DAY LANDINGS \*\* SURVEY 45

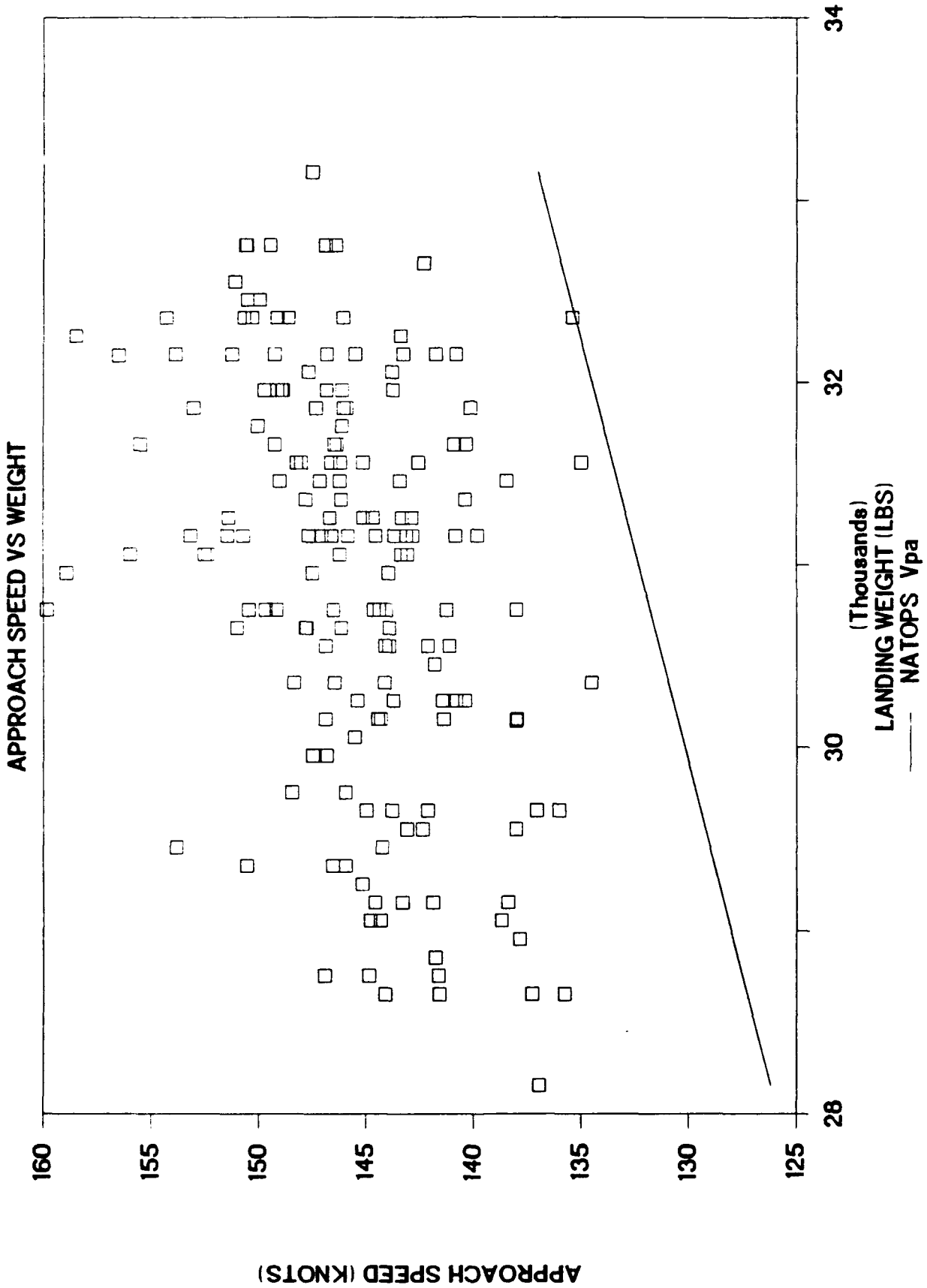


Figure 3

# F18 NIGHT LANDINGS \*\* SURVEY 45

APPROACH SPEED VS LANDING WEIGHT

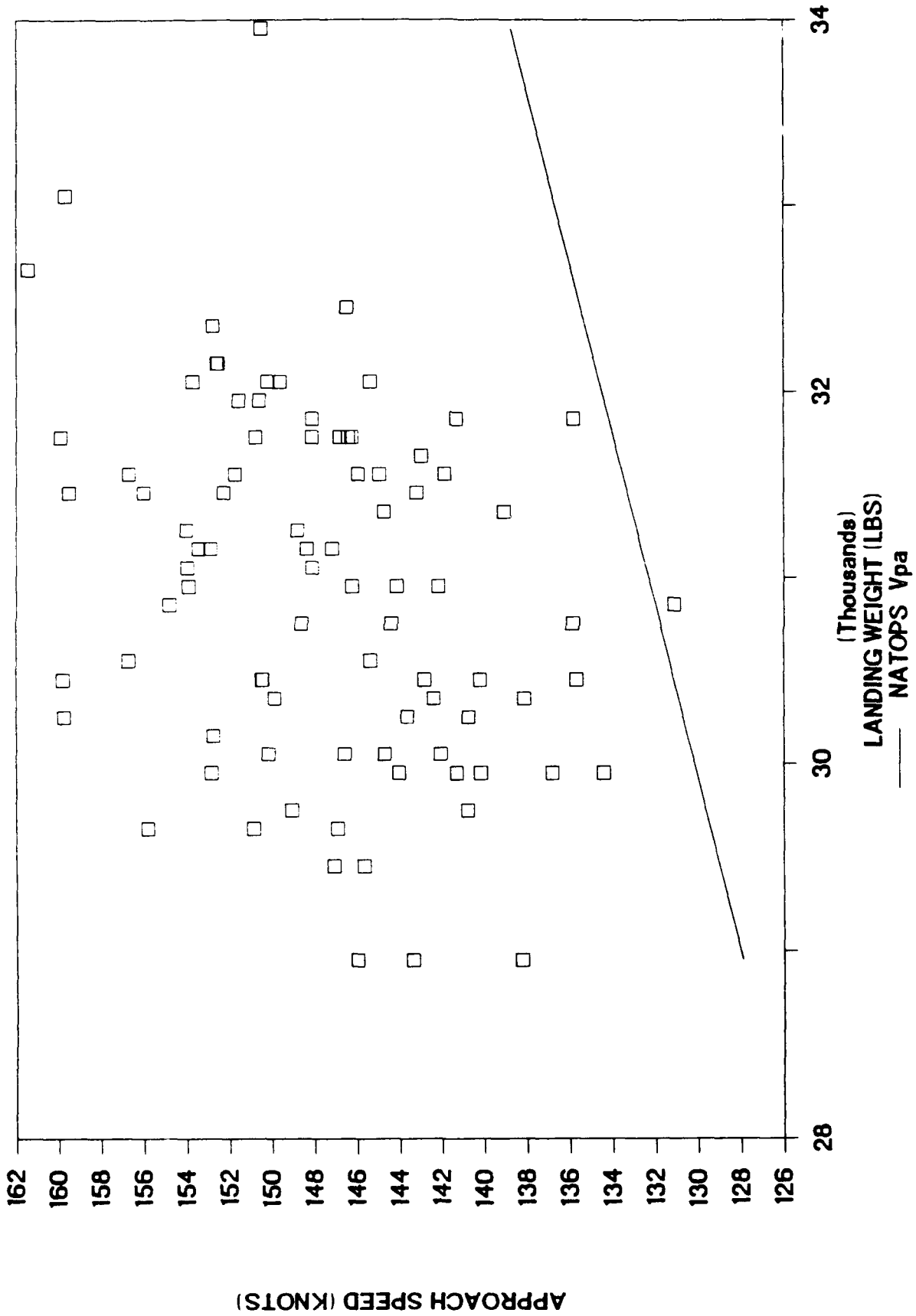


Figure 4

# A-6E DAY LANDINGS\*\*SURVEY 45

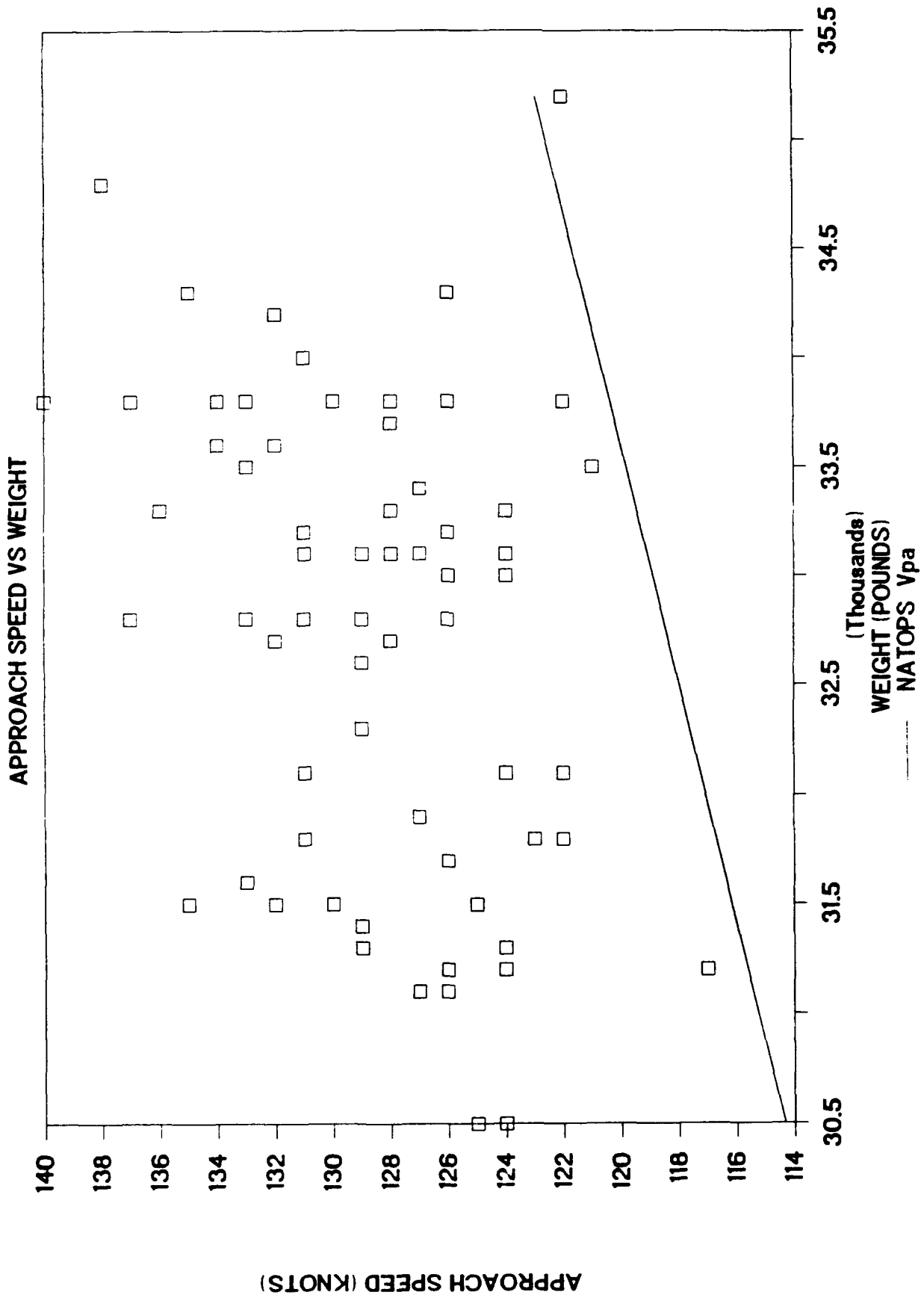


Figure 5

# A-6E NIGHT LANDINGS\*\*SURVEY45

APPROACH SPEED VS WEIGHT

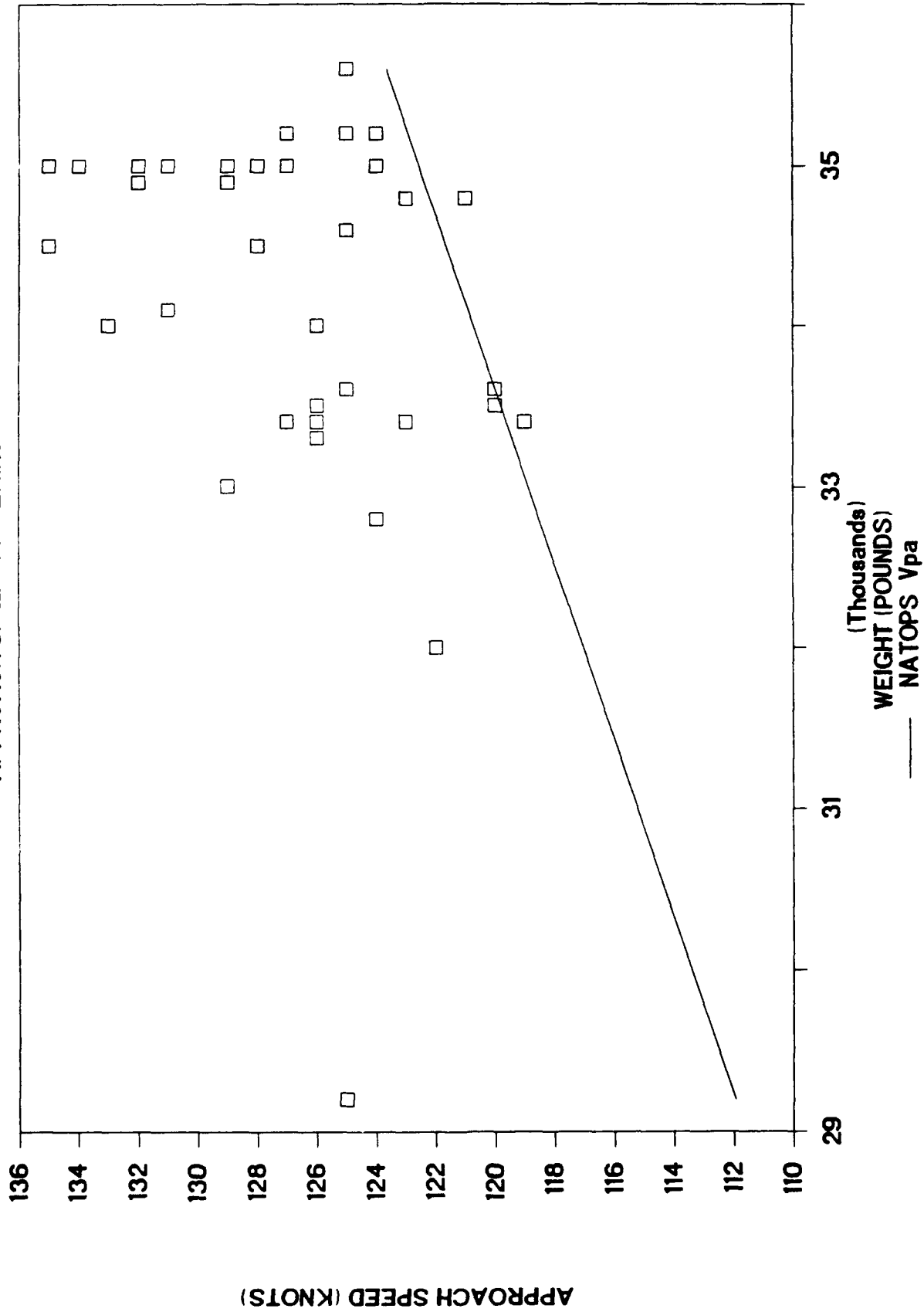


Figure 6

# A-7E DAY LANDINGS \*\* SURVEY45

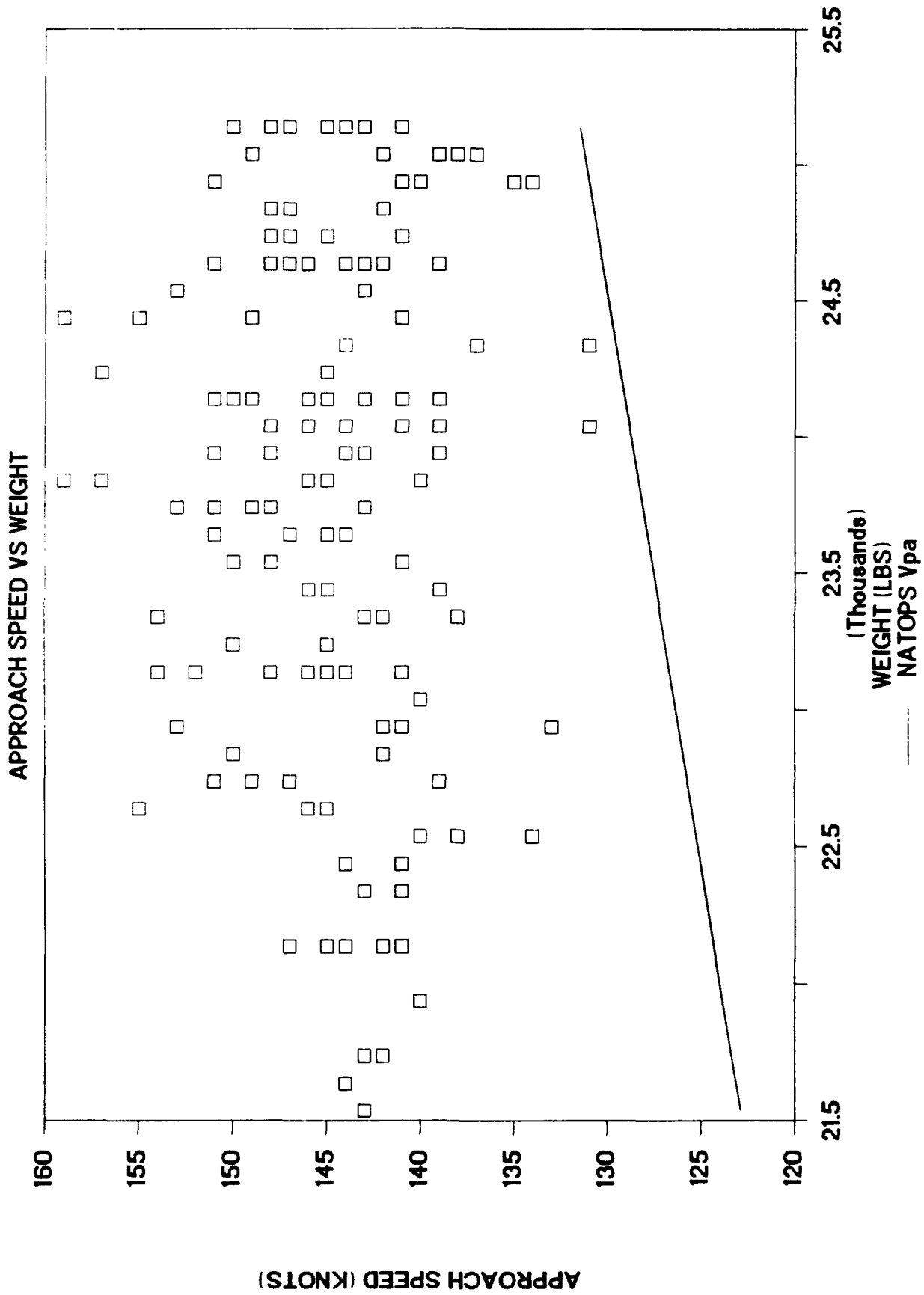


Figure 7

# A-7E NIGHT LANDINGS \*\* SURVEY 45

APPOACH SPEED VS WEIGHT

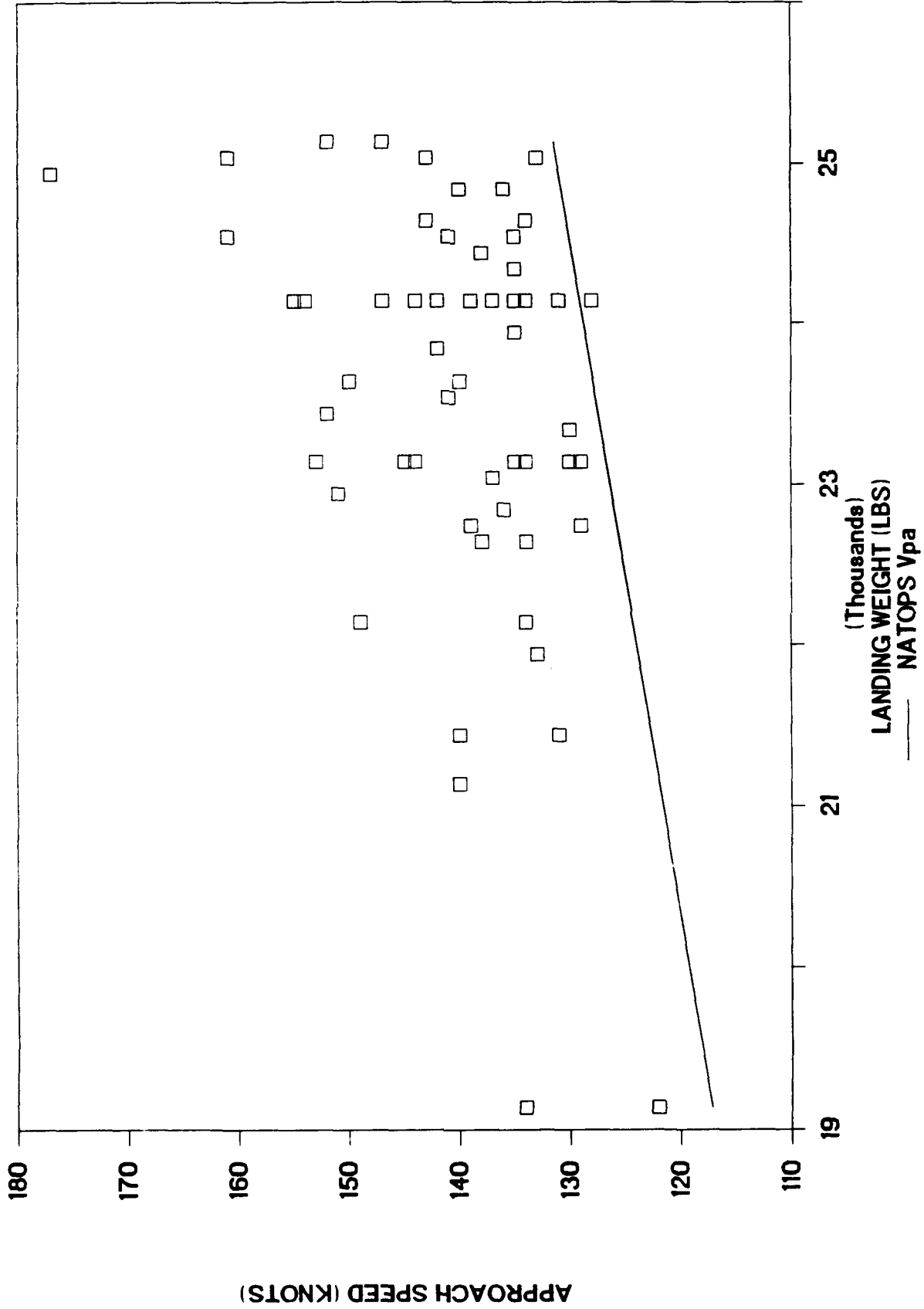
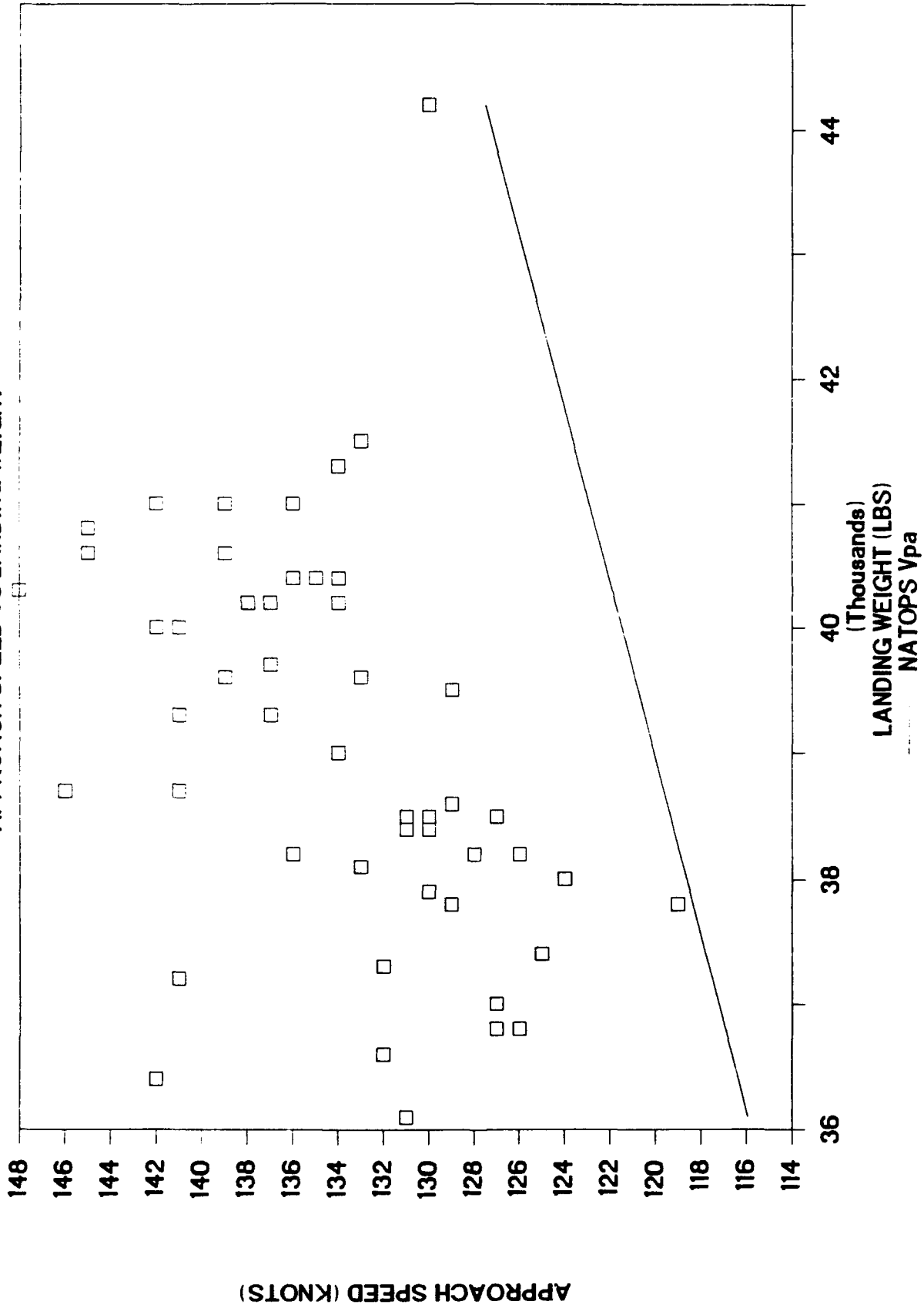


Figure 8

# EA-6B DAY LANDINGS \*\* SURVEY 45

APPROACH SPEED VS LANDING WEIGHT



# EA-6B NIGHT LANDINGS \*\* SURVEY 45

APPROACH SPEED VS LANDING WEIGHT

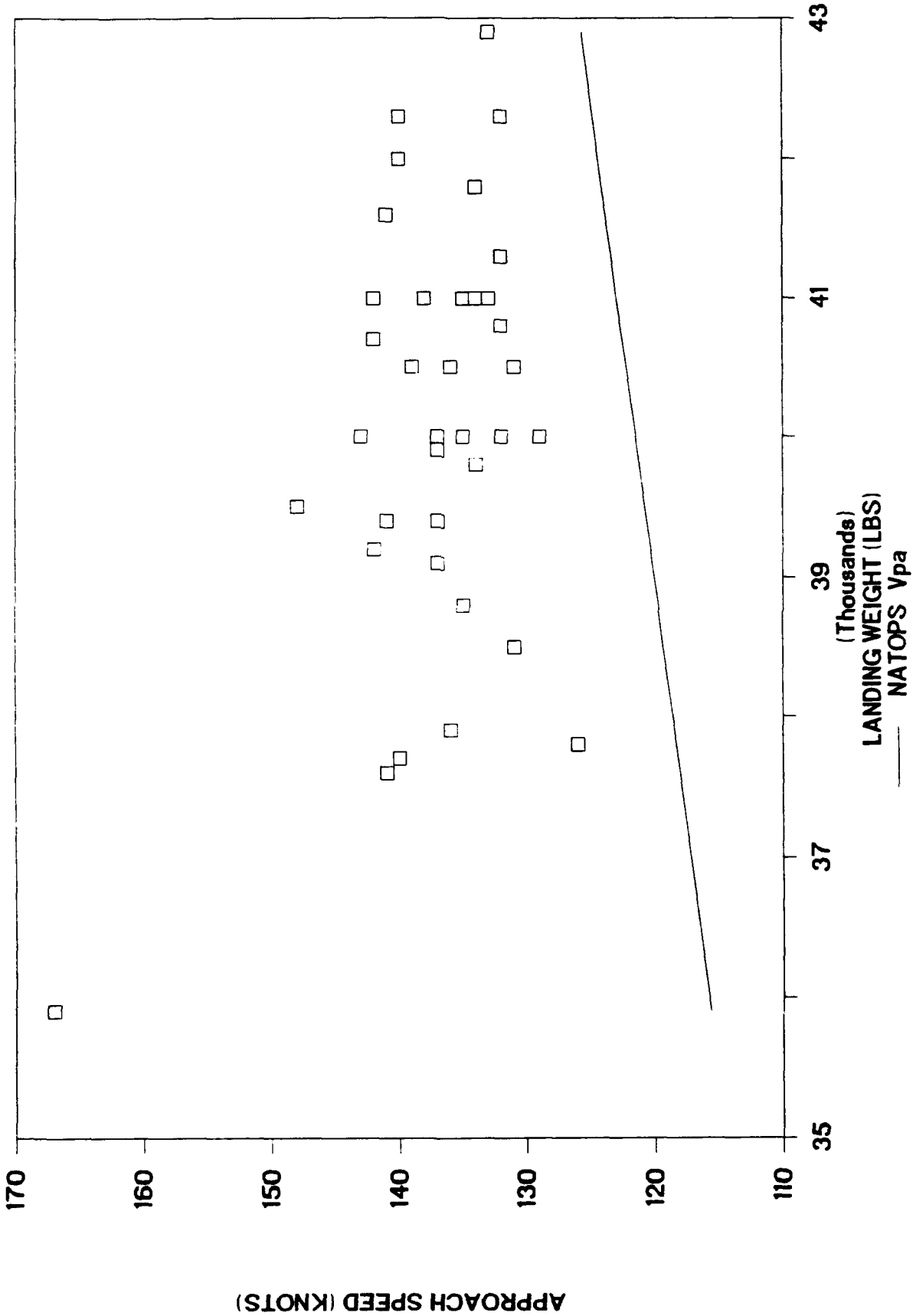


Figure 10



# E-2C DAY LANDINGS \*\* SURVEY 45

APPROACH SPEED VS LANDING WEIGHT

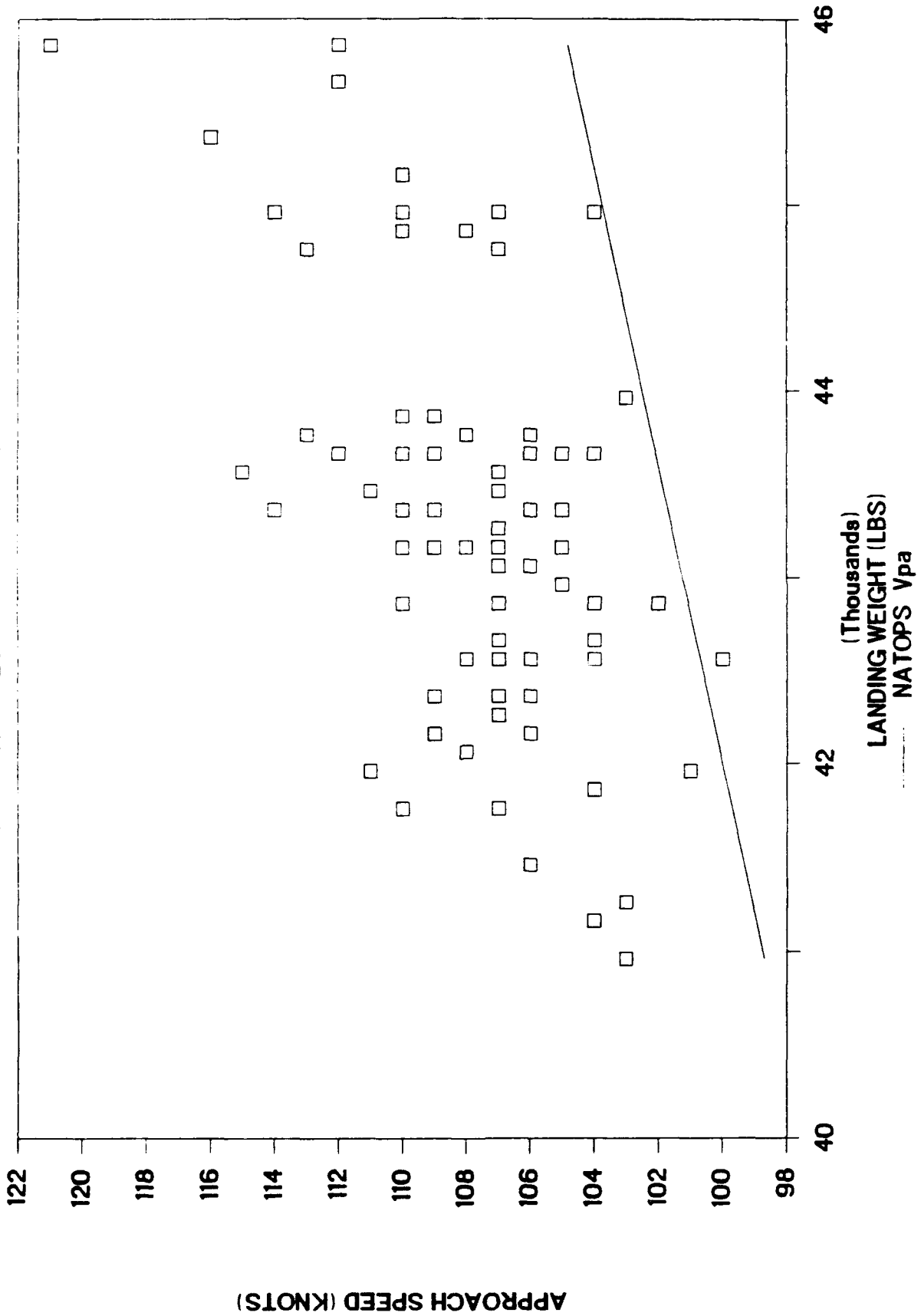


Figure 11

# E-2C NIGHT LANDINGS \*\* SURVEY 45

APPROACH SPEED VS LANDING WEIGHT

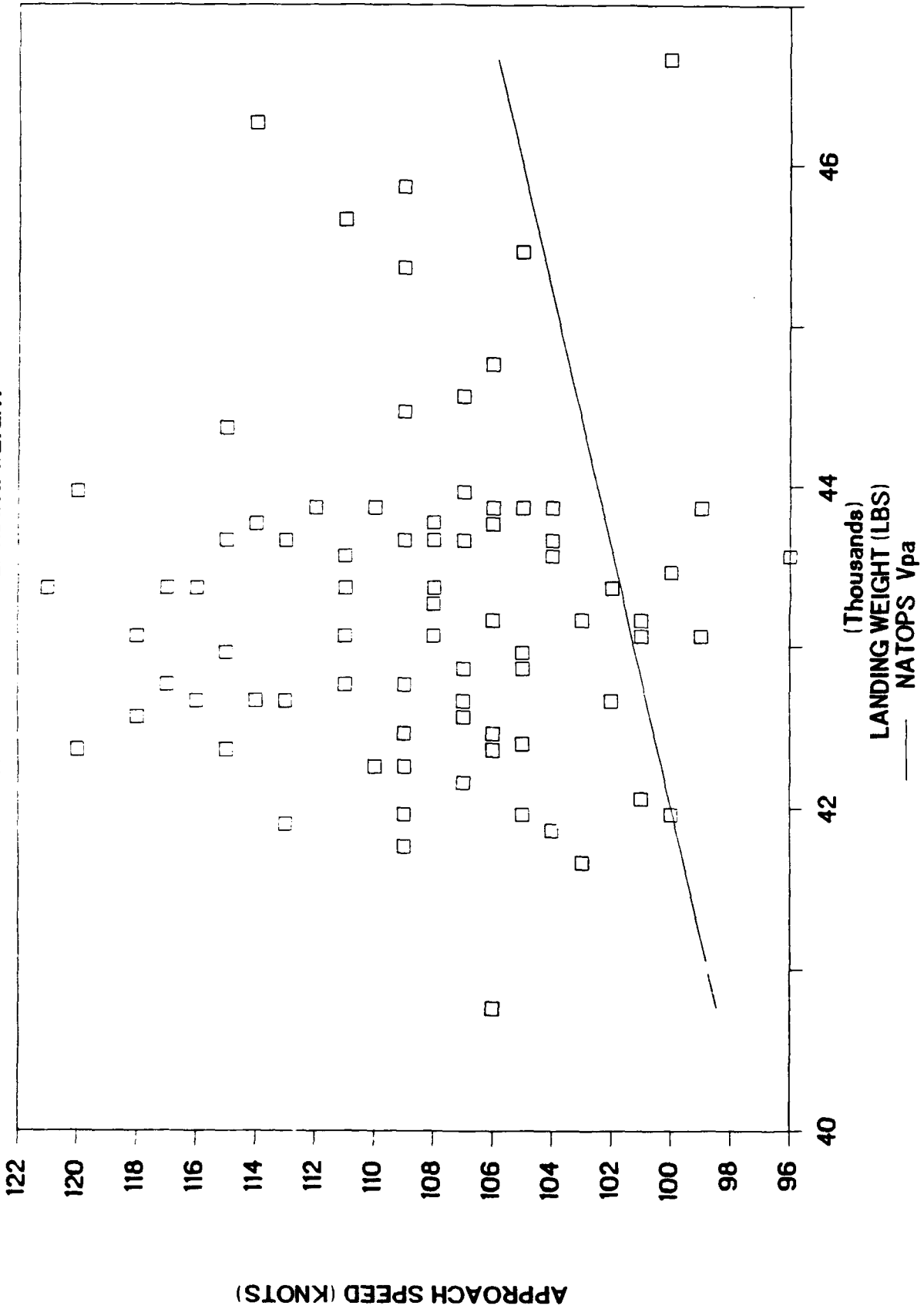


Figure 12

# S-3A DAY LANDINGS \*\* SURVEY 45

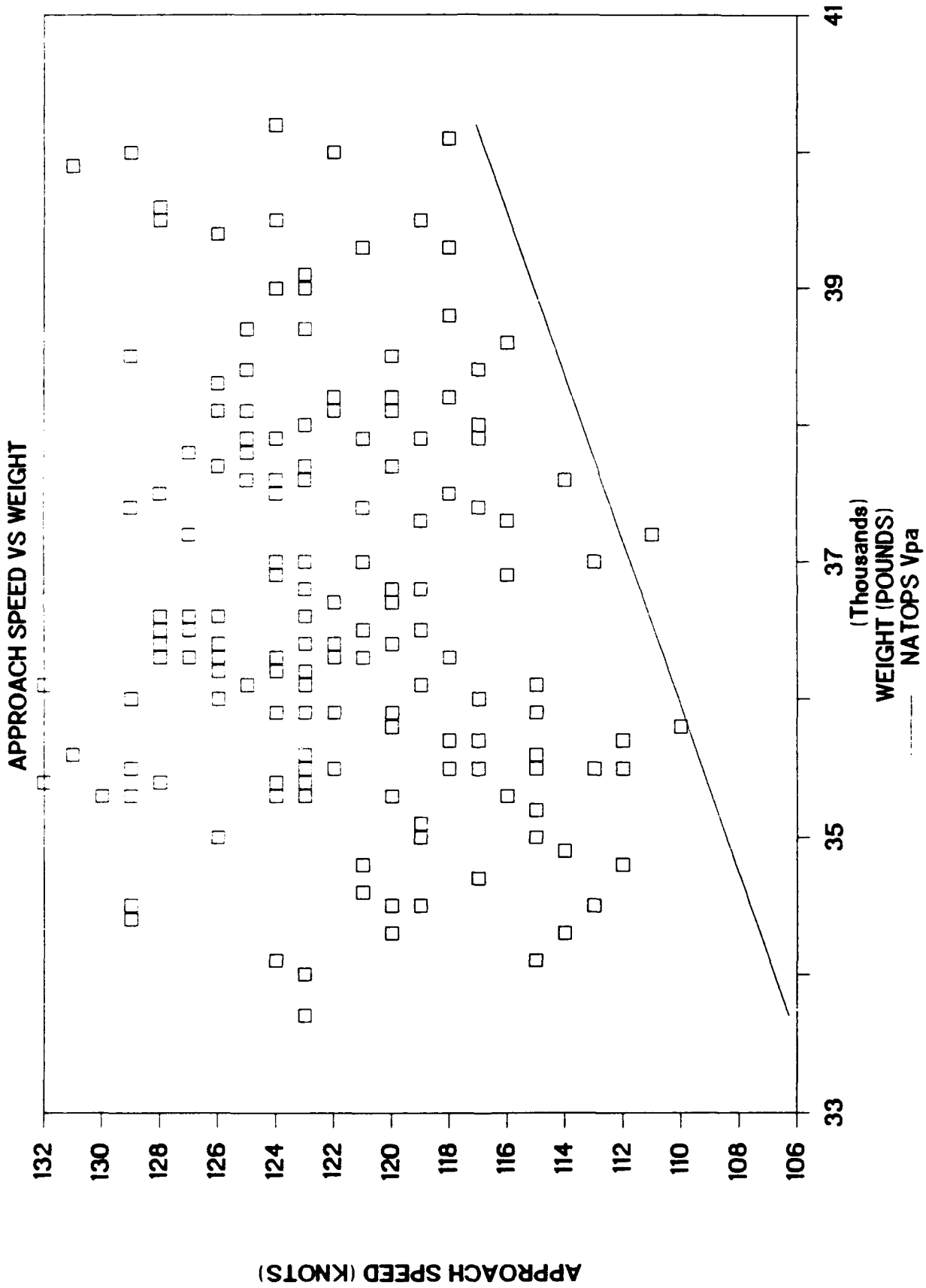
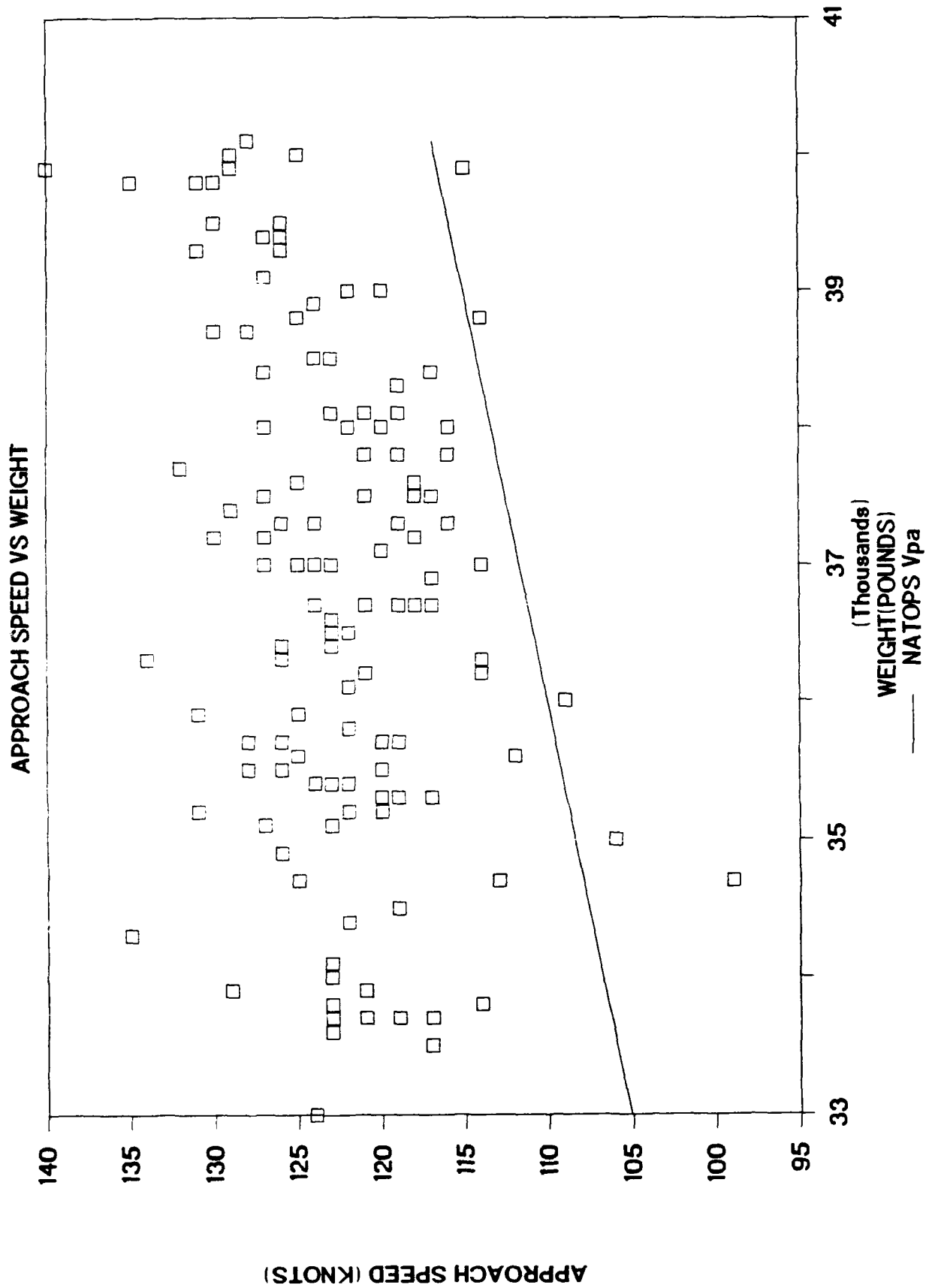


Figure 13



**Figure 14**

# T-2C DAY LANDINGS \*\* SURVEY 45

APPROACH SPEED VS WEIGHT

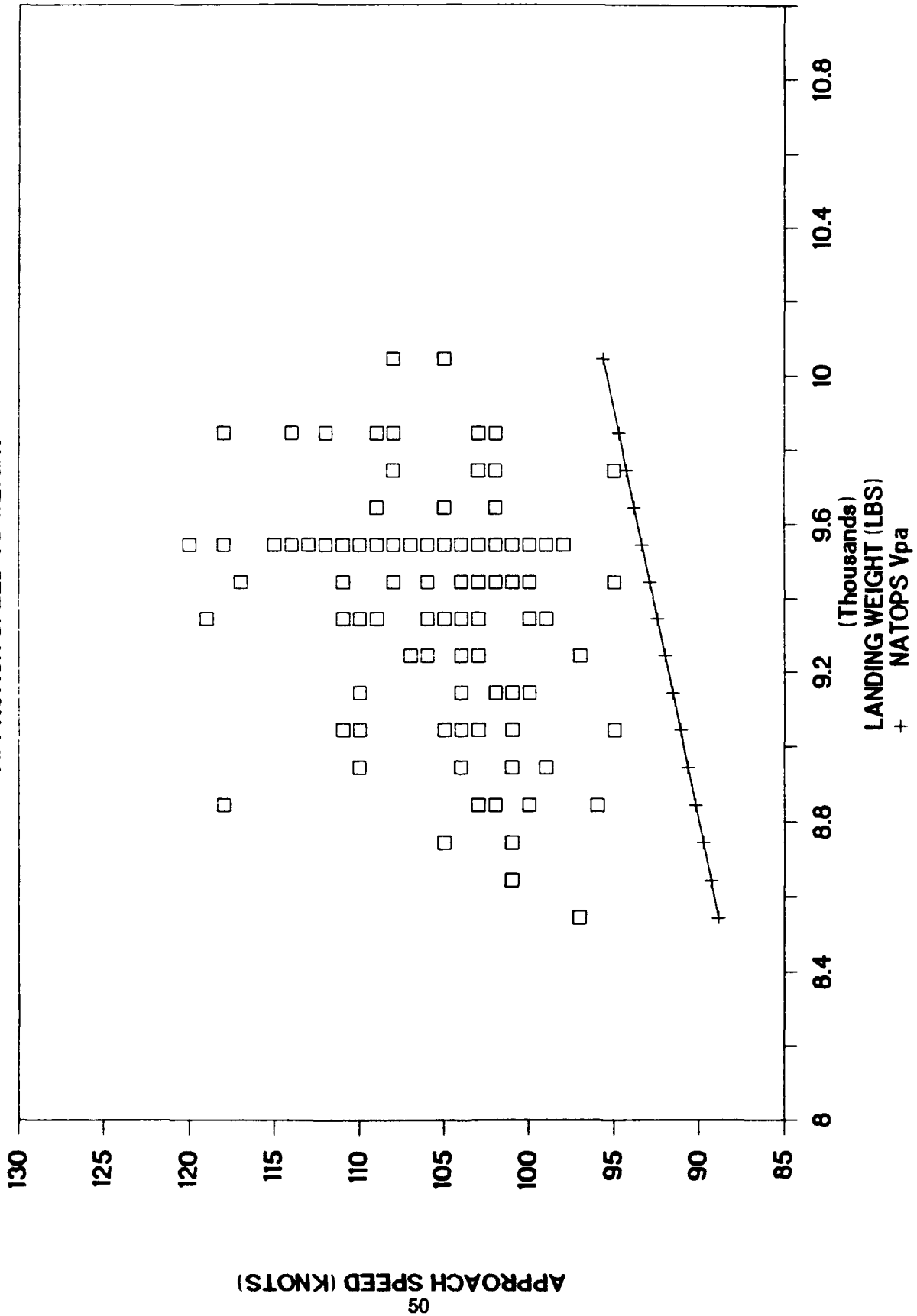


Figure 15

# TA-4 DAY LANDINGS \*\* SURVEY 45

APPROACH SPEED VS WEIGHT

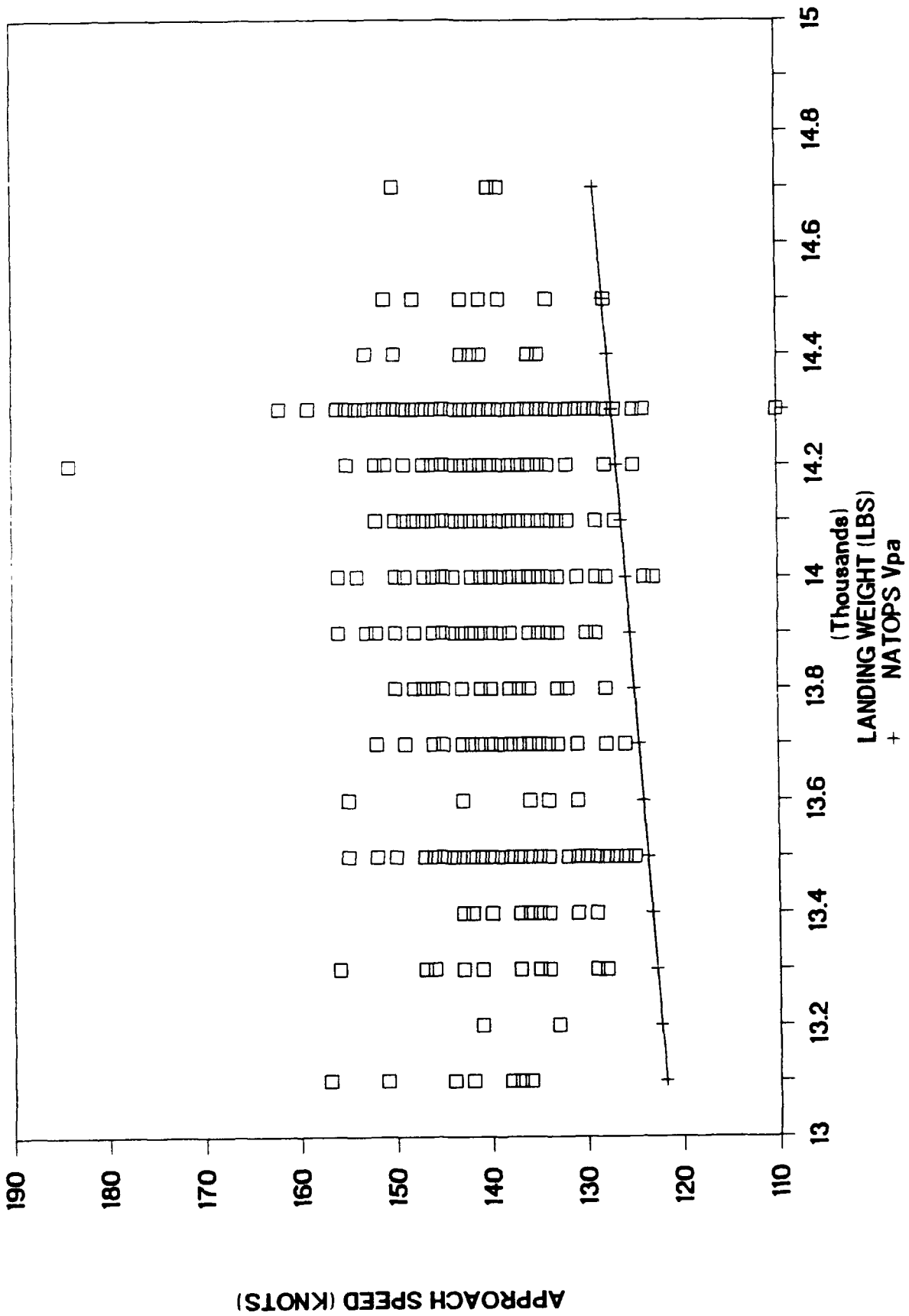


Figure 16

# F-14A DAY LANDINGS \* SURVEY 45

ENGAGING SPEED +20 KNOTS VS WEIGHT

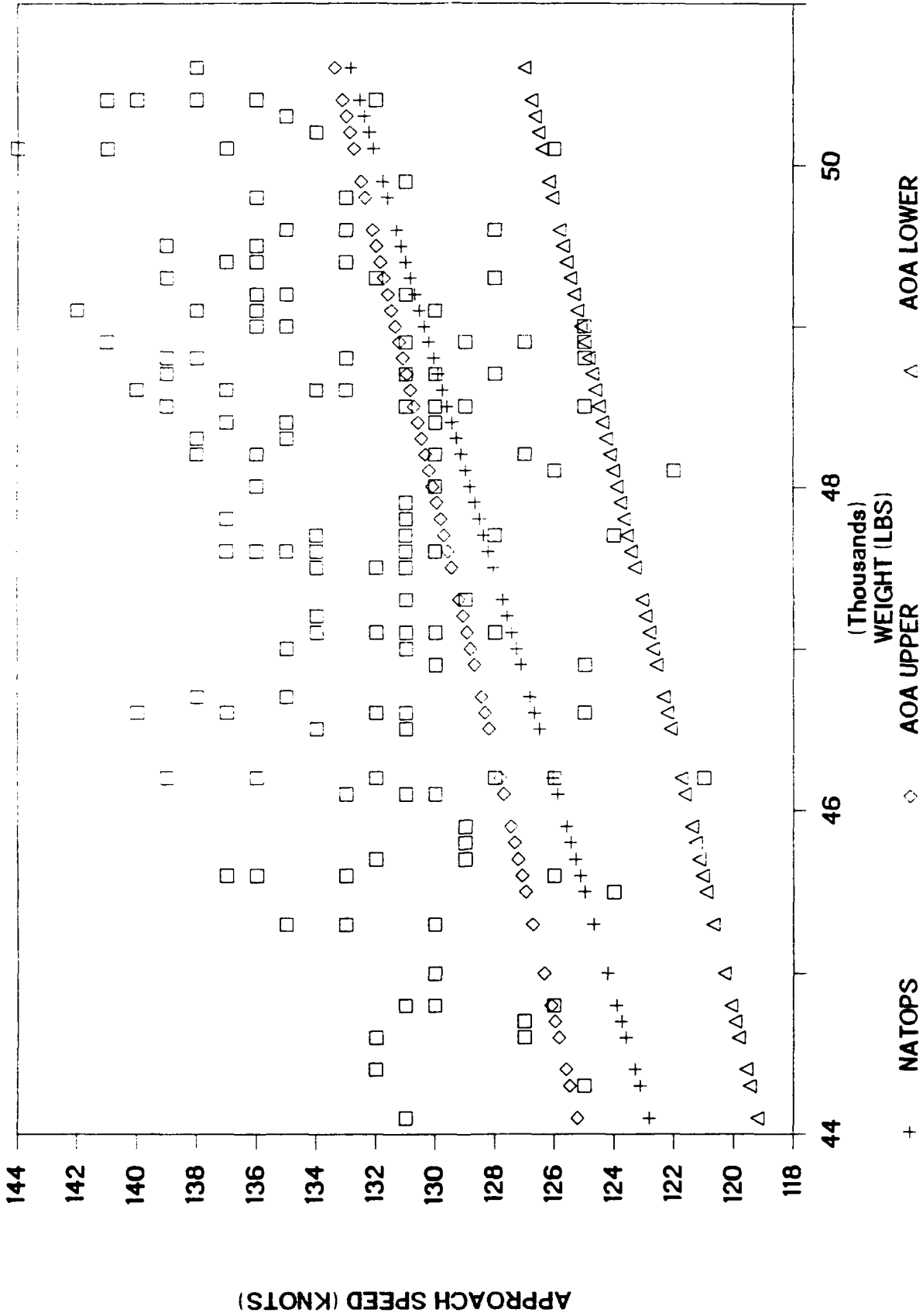


Figure 17

# F-14A NIGHT LANDINGS \* SURVEY 45

ENGAGING SPEED + 20 KNOTS VS WEIGHT

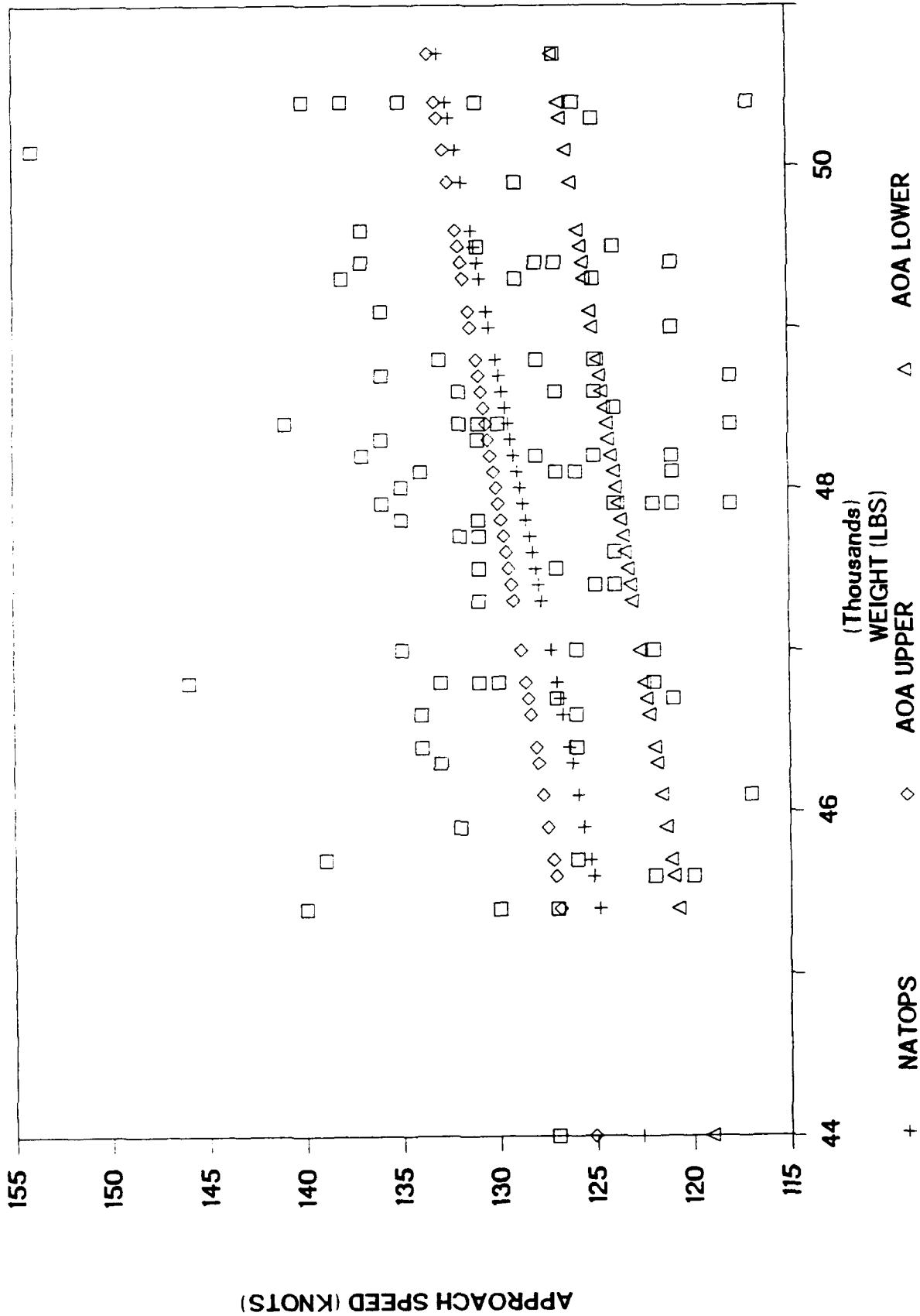


Figure 18



# F-18 DAY LANDINGS \*\* SURVEY 45

ENGAGING SPEED + 20 KNOTS VS WEIGHT

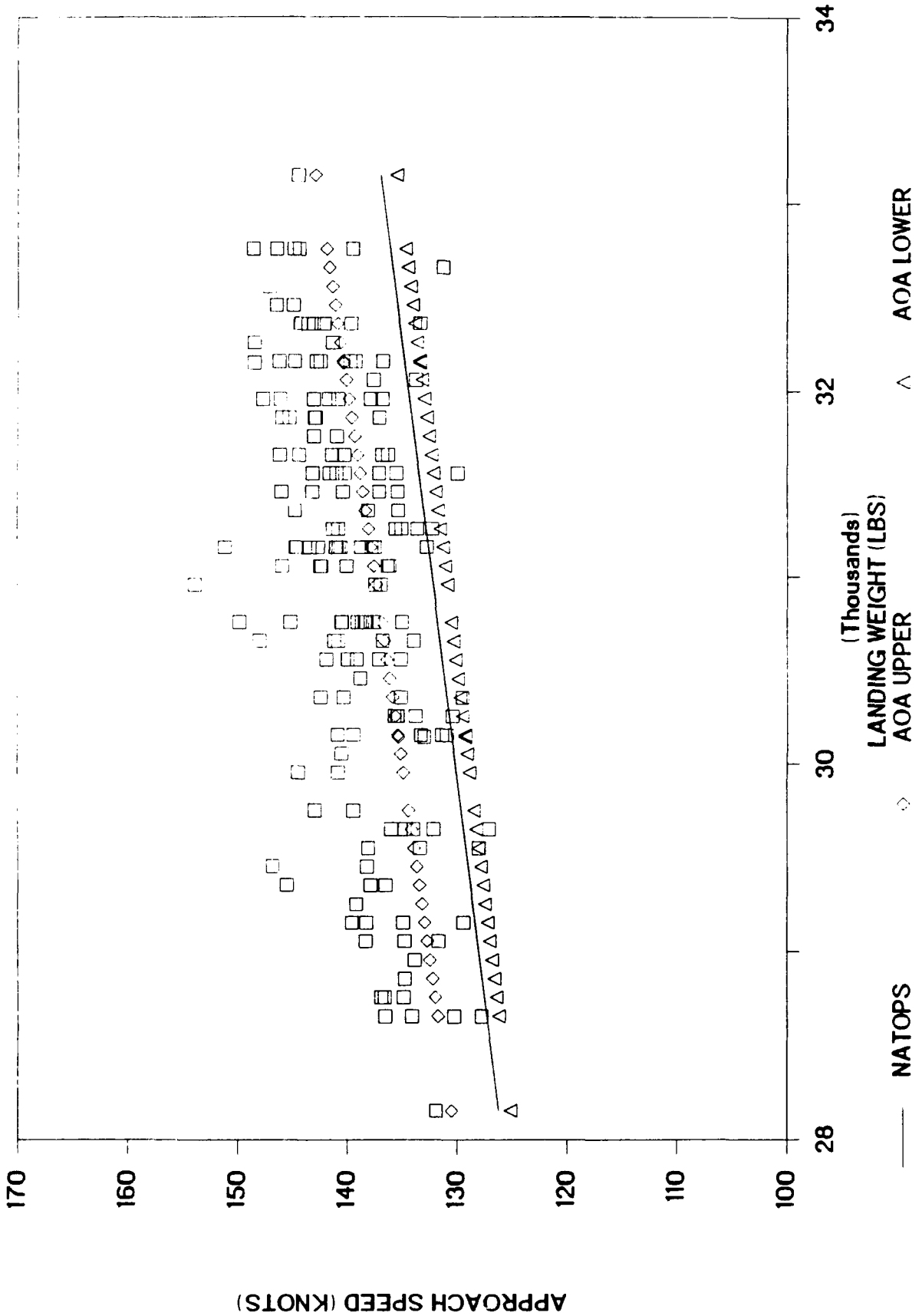


Figure 19

# F18 NIGHT LANDINGS \*\* SURVEY 45

ENGAGING SPEED + 20 KNOTS VS WEIGHT

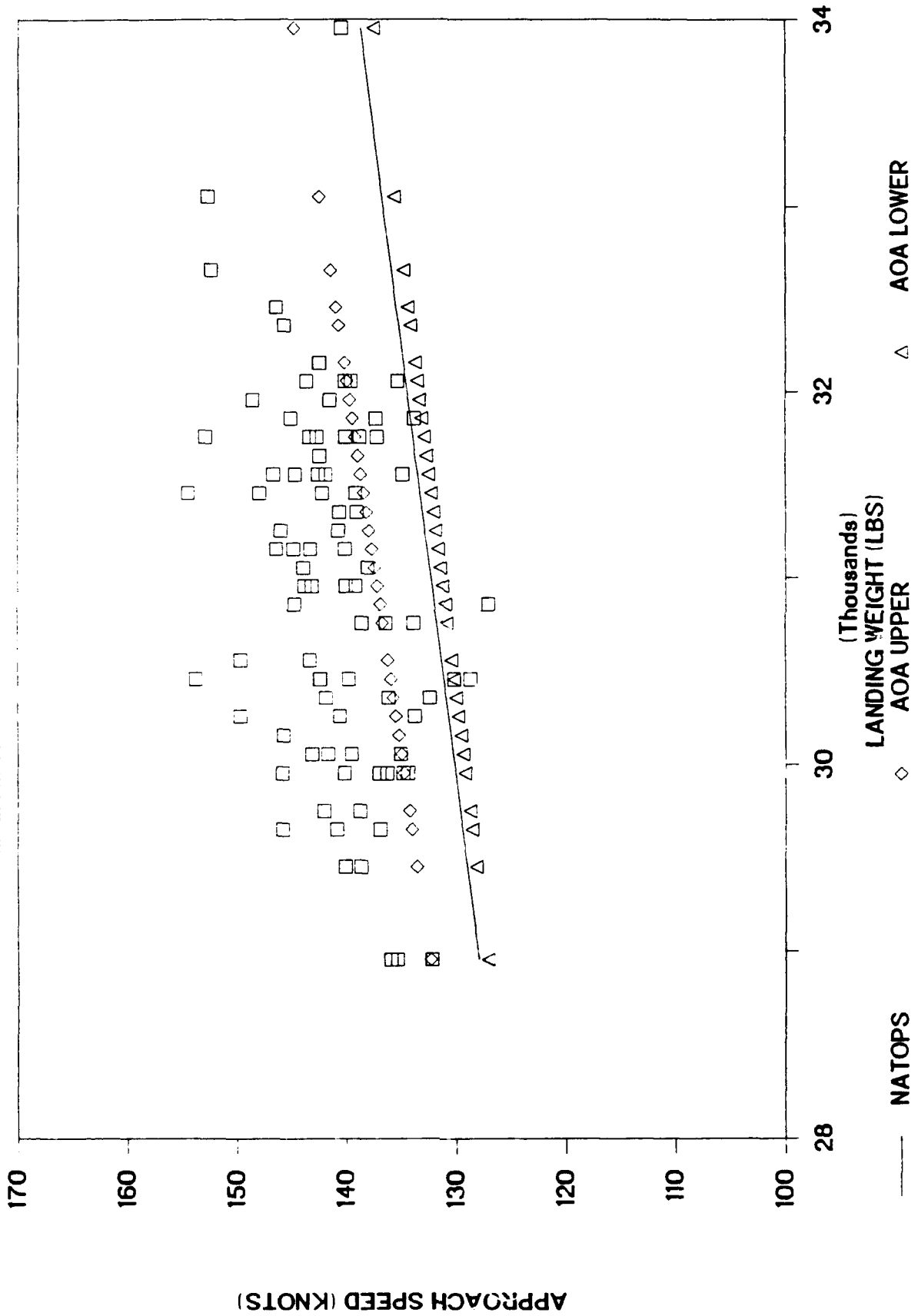


Figure 20

# A-7E DAY LANDINGS \*\* SURVEY45

ENGAGING SPEED + 20 KNOTS VS WEIGHT

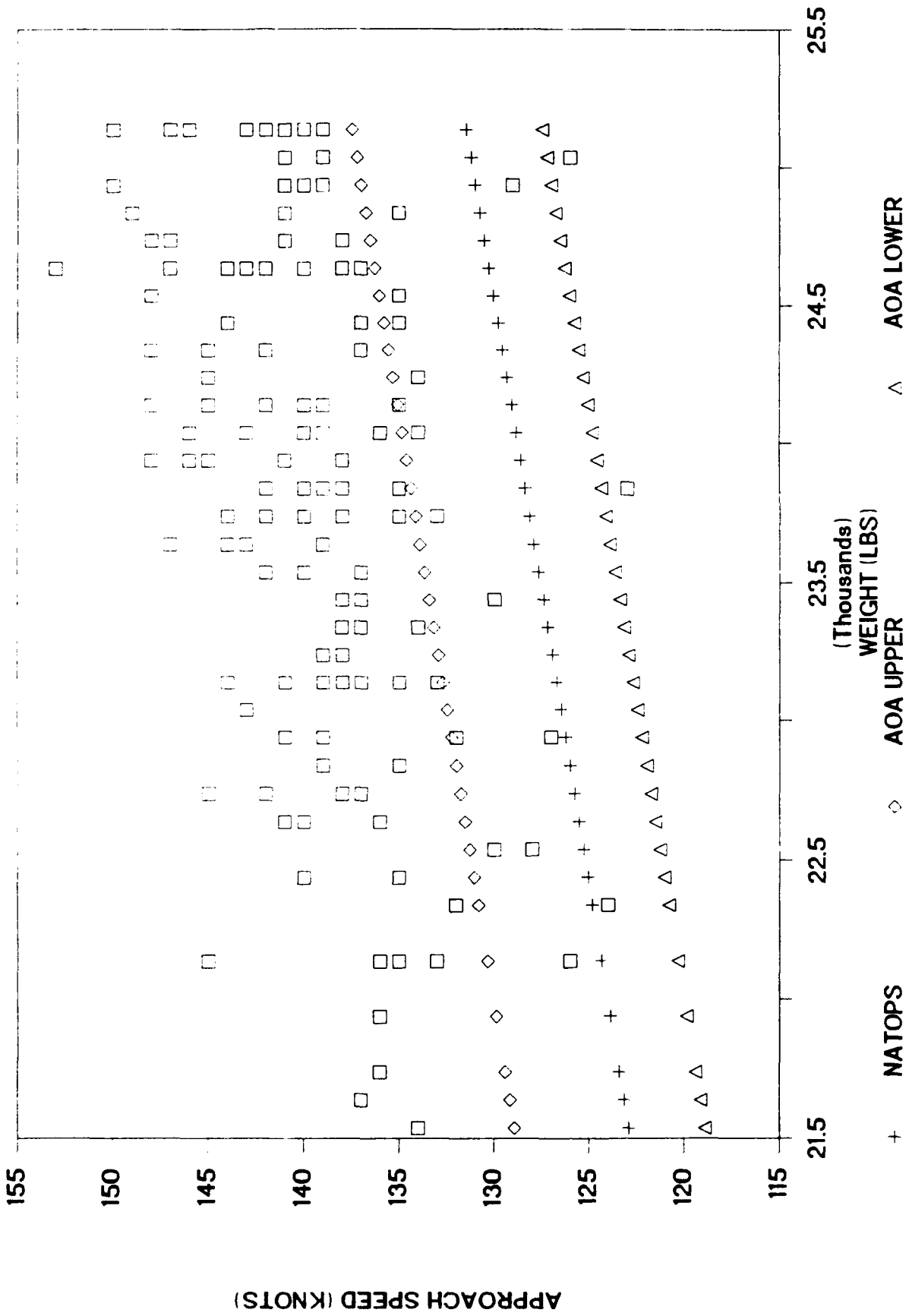


Figure 21

# A-7E NIGHT LANDINGS \*\* SURVEY 45

ENGAGING SPEED + 20 KNOTS VS WEIGHT

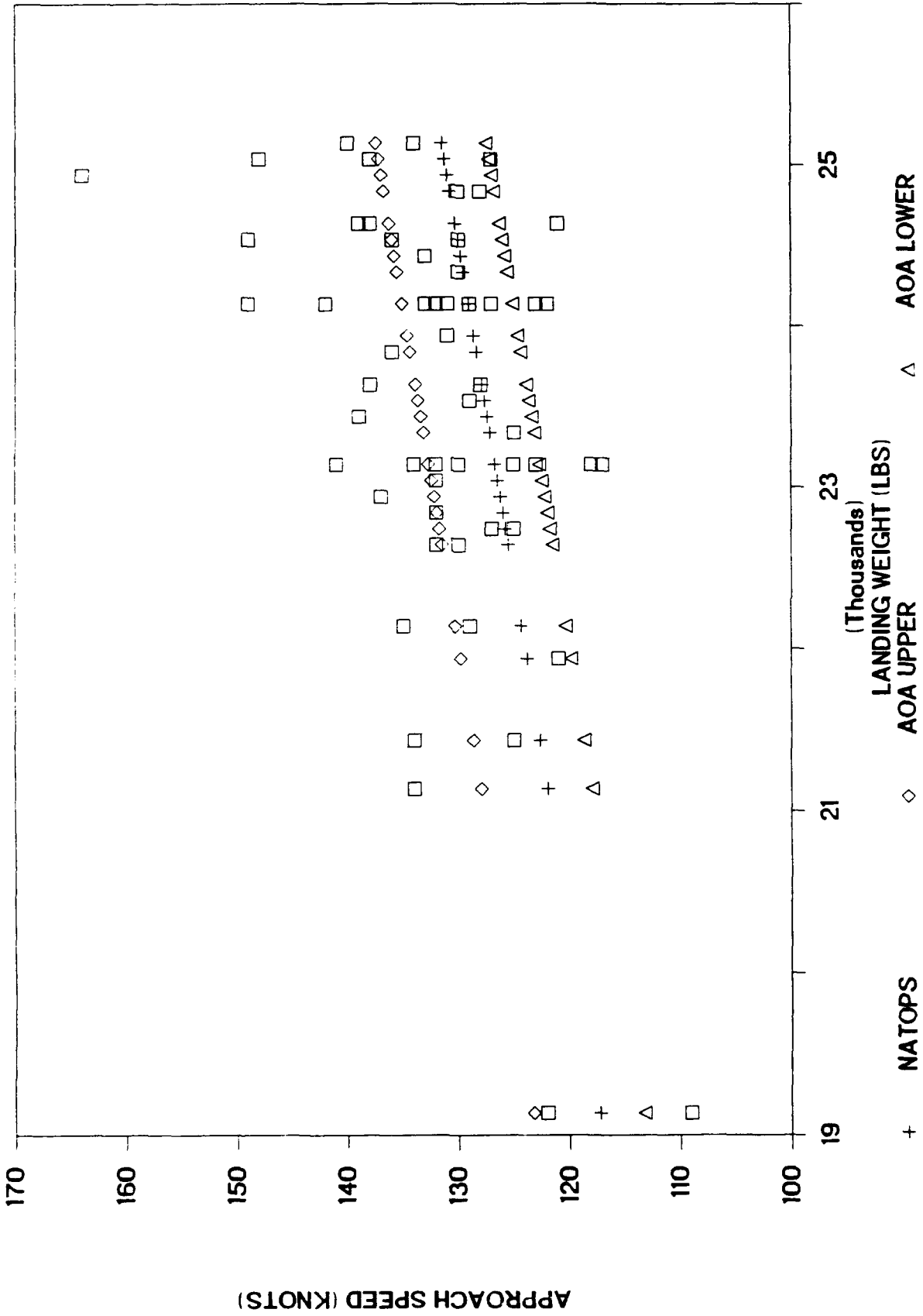


Figure 22

# F-14A DAY LANDINGS \* SURVEY 45

SURVEY SINK SPEED VS DESIGN SINK SPEED

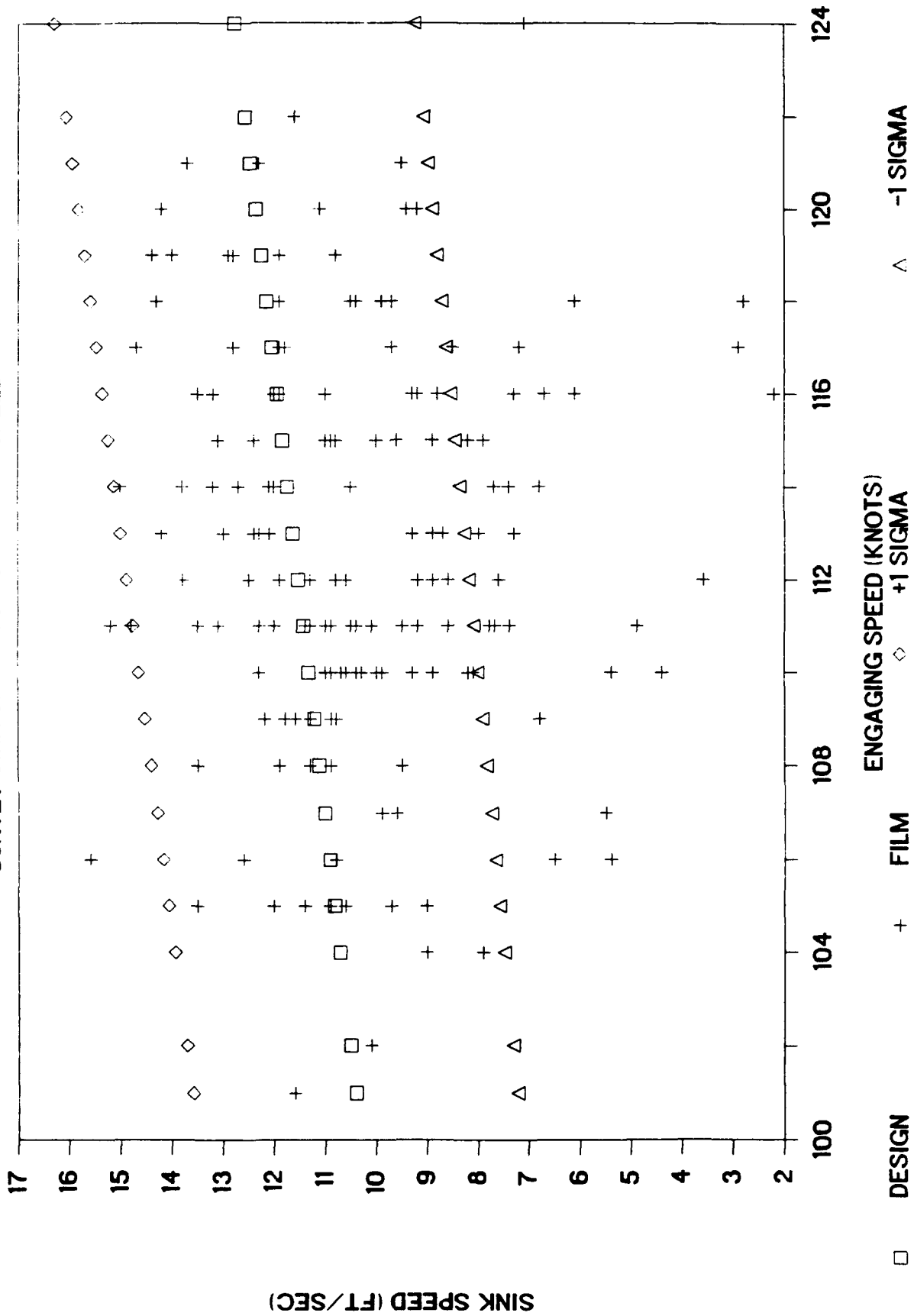


Figure 23

# F-14A NIGHT LANDINGS \* SURVEY 45

SURVEY SINK SPEED VS DESIGN SINK SPEED

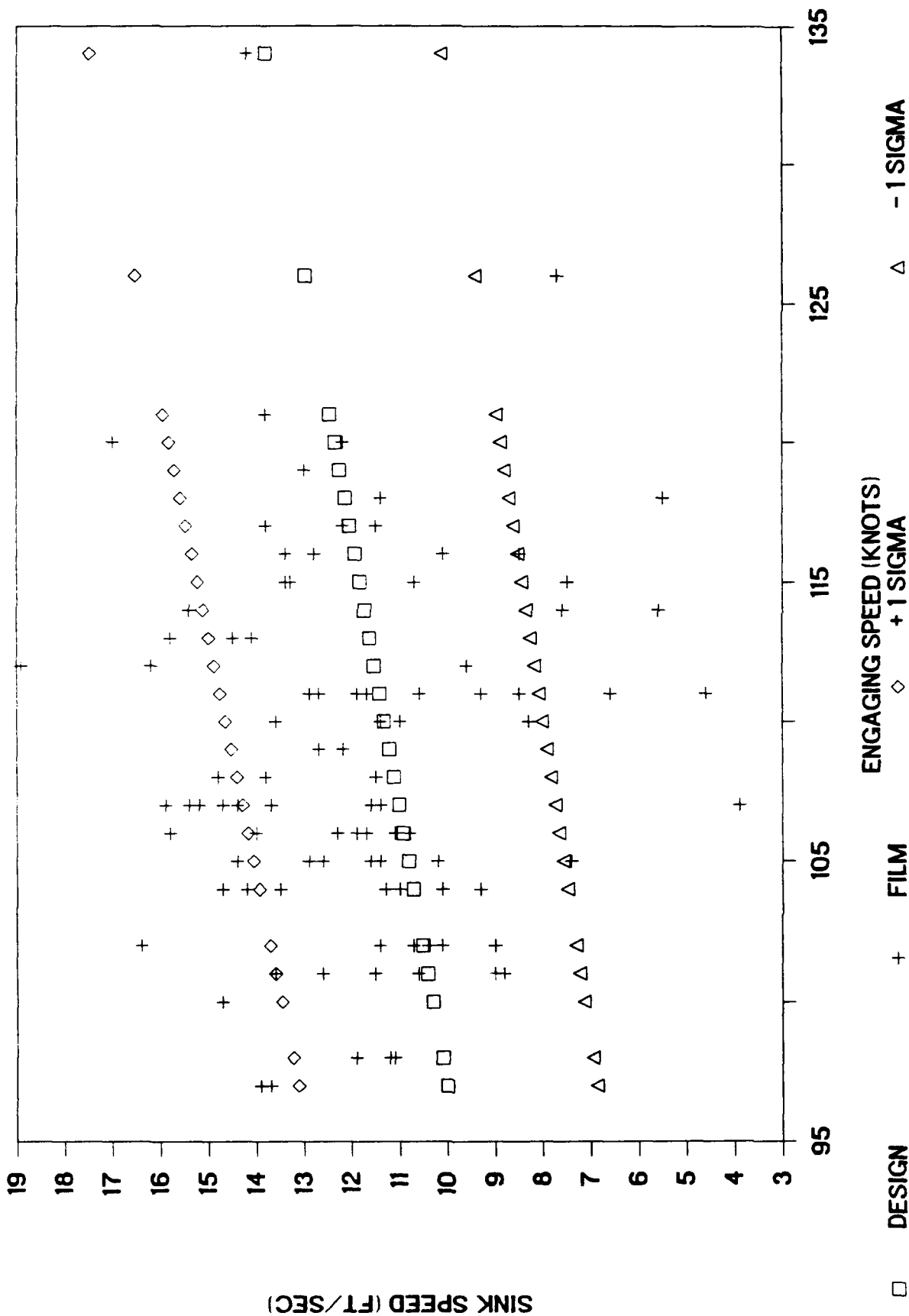


Figure 24

# F-18 SURVEY 45 DAY LANDINGS

SURVEY SINK SPEED VS DESIGN SINK SPEED

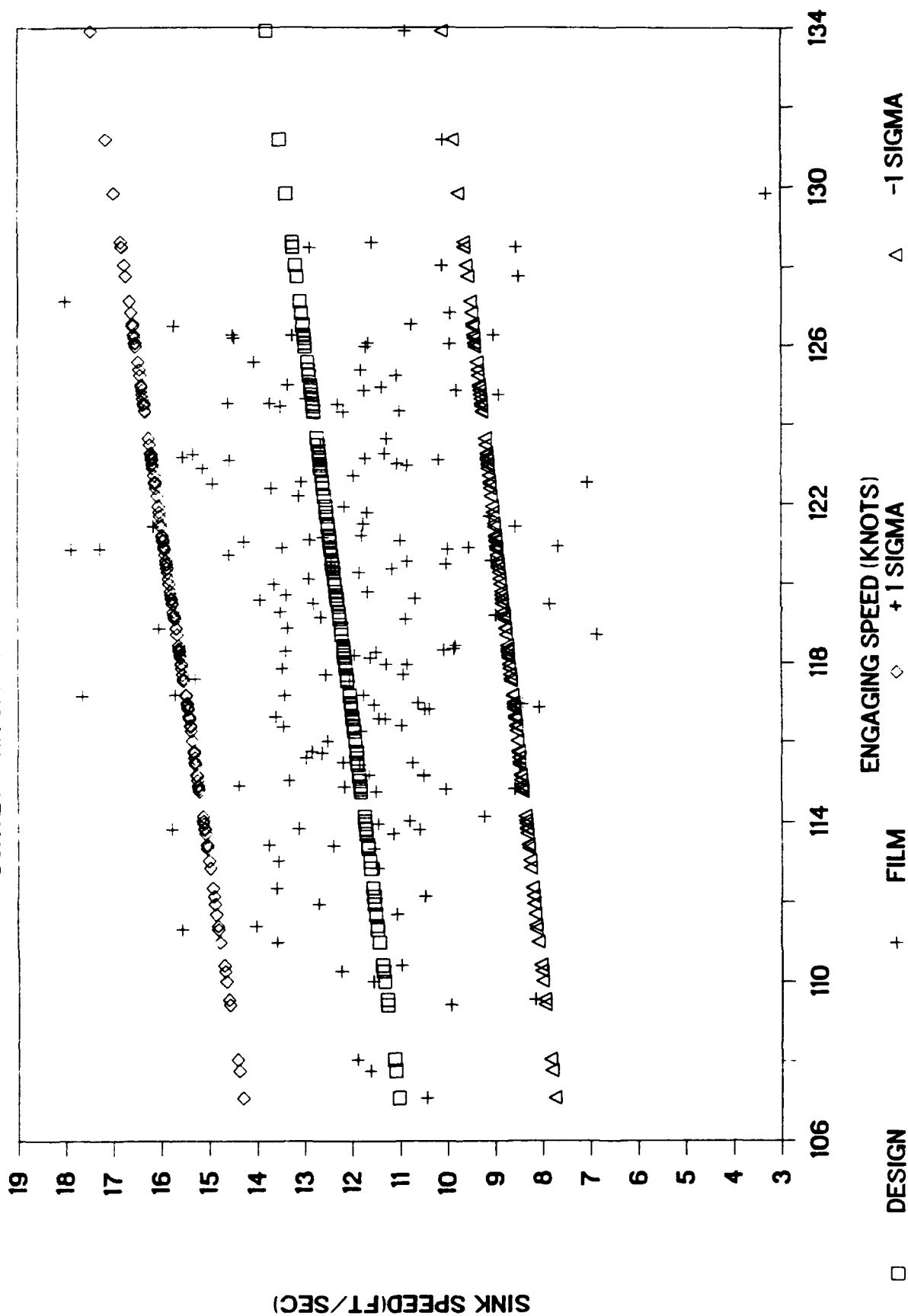


Figure 25

# F18 NIGHT LANDINGS\*\*\*SURVEY 45

SURVEY SINK SPEED VS DESIGN SINK SPEED

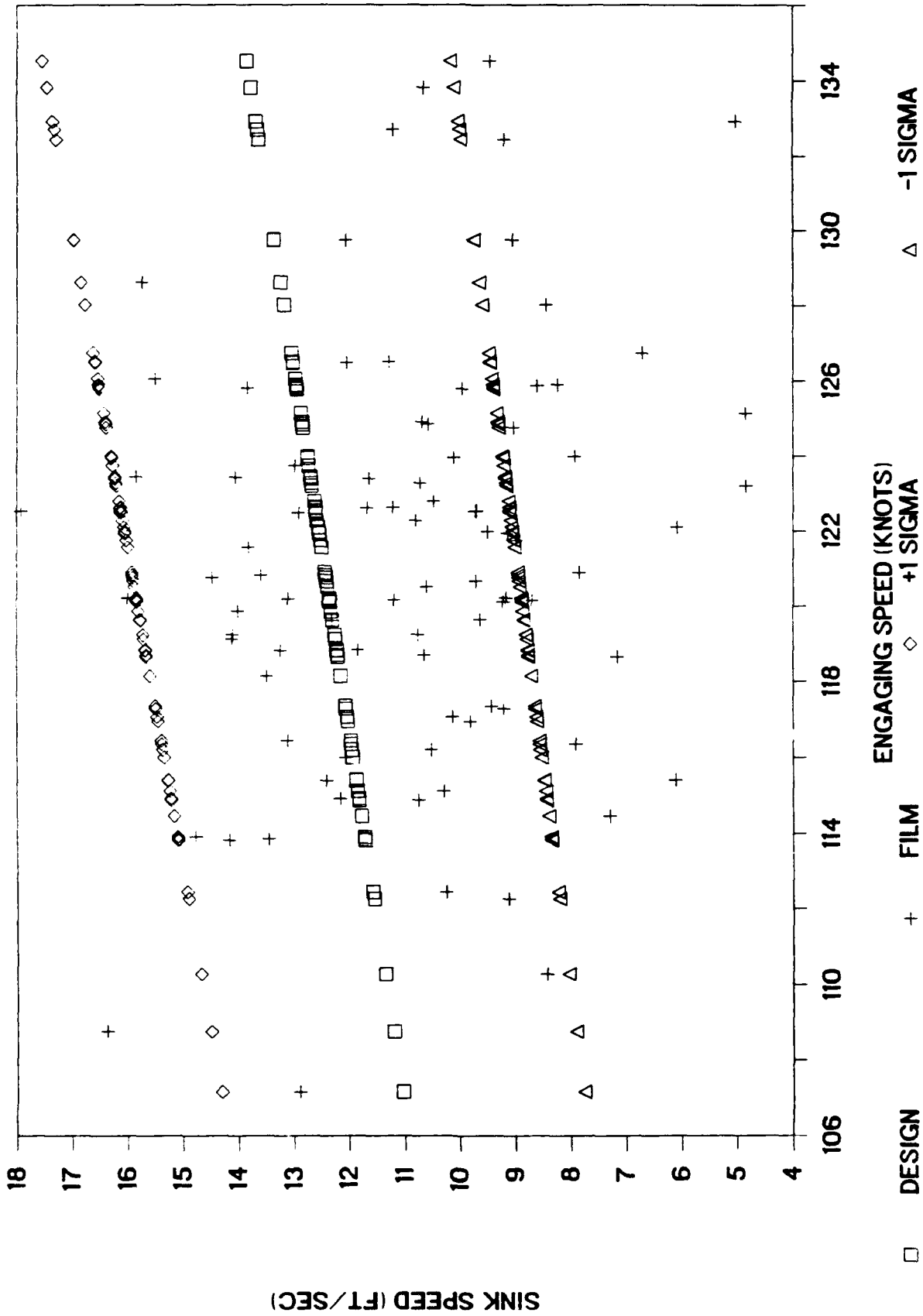


Figure 26



# A-7E DAY LANDINGS \*\* SURVEY 45

SURVEY SINK SPEED VS DESIGN SINK SPEED

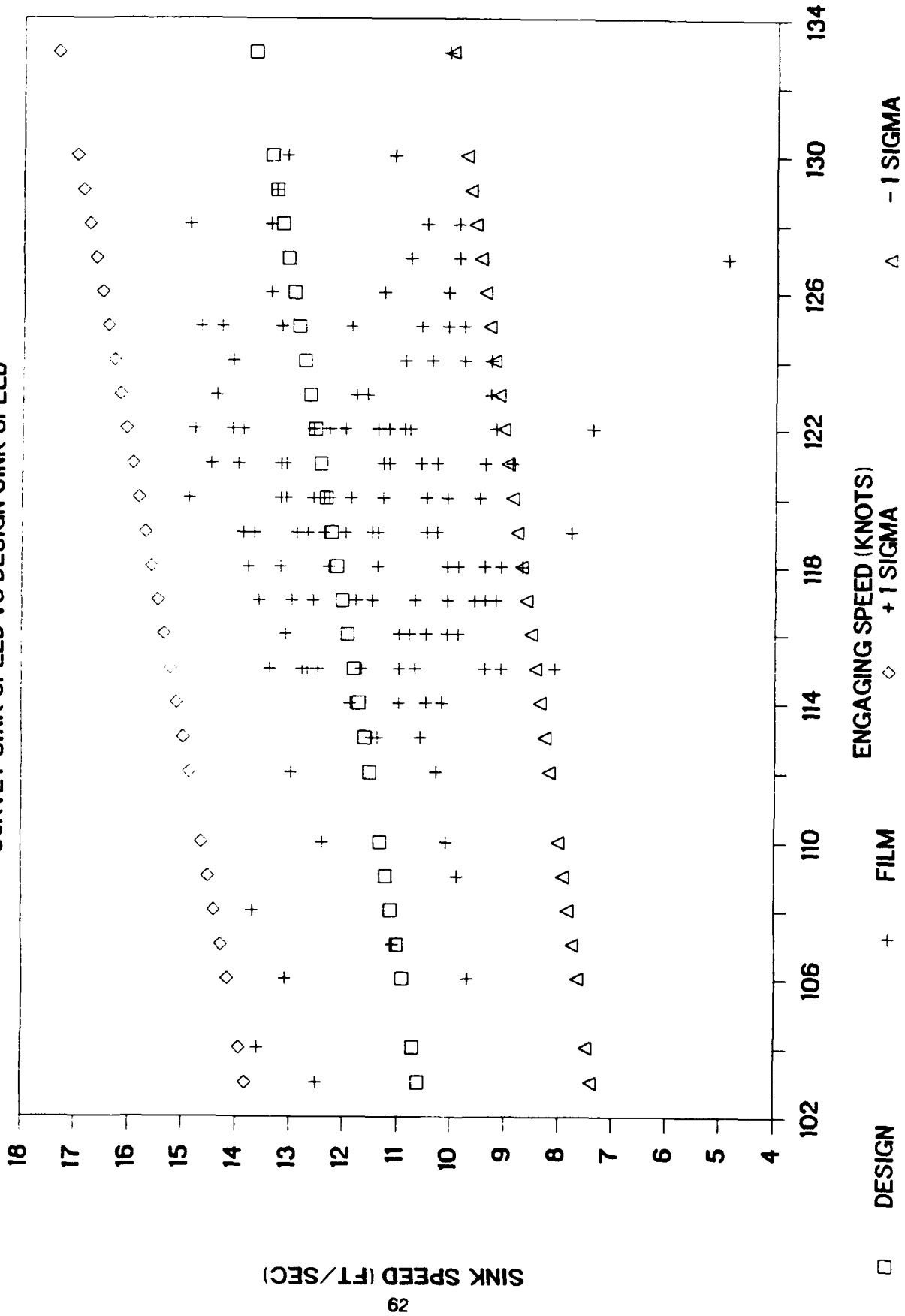


Figure 27

# A-7E NIGHT LANDINGS \*\* SURVEY 45

SURVEY SINK SPEED VS DERIVED SINK SPEED

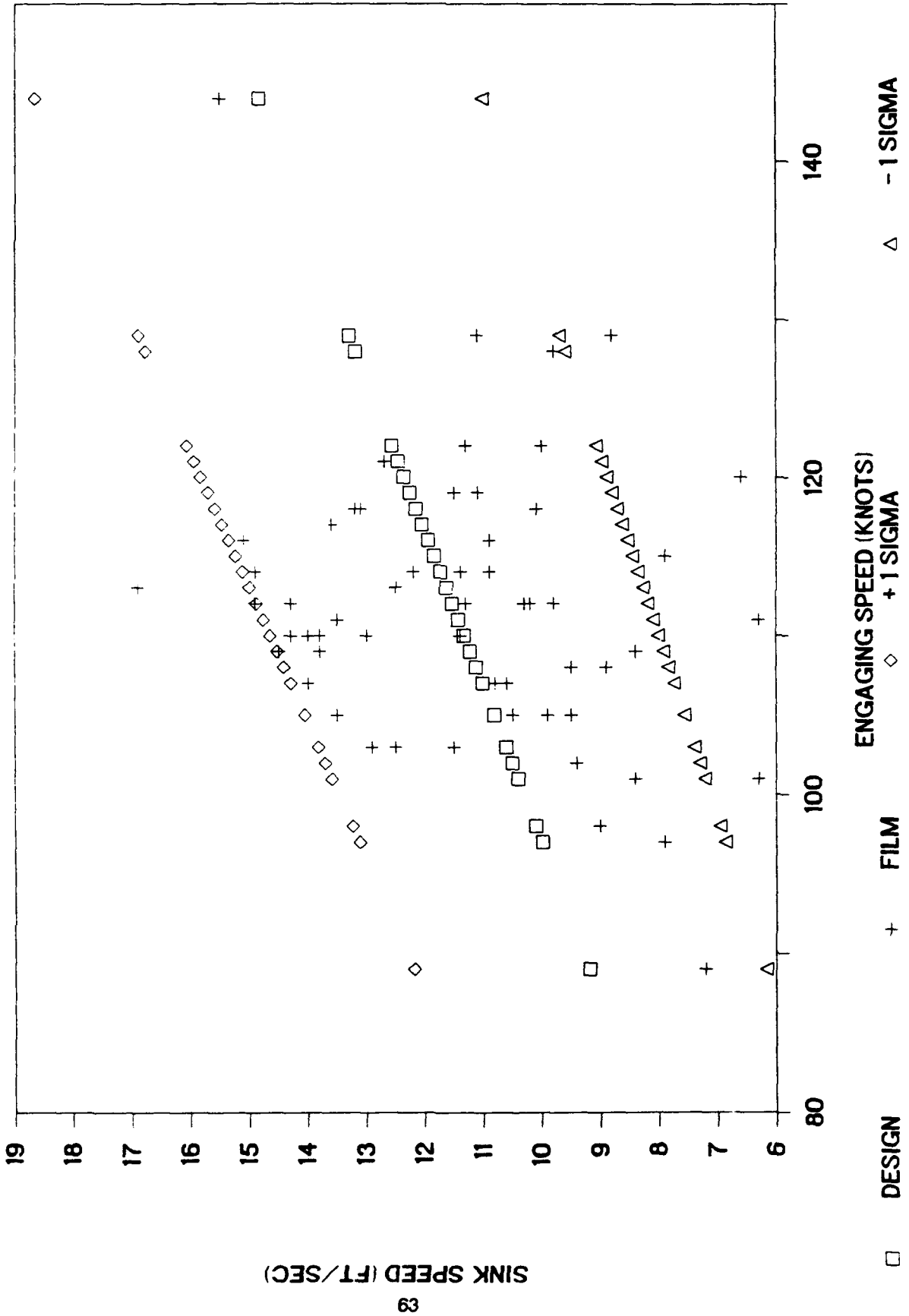


Figure 28

# **APPENDIX A**

## **LANDING PARAMETERS OF INDIVIDUAL AIRCRAFT LANDINGS**

**USS ENTERPRISE  
CVN-65**

**F-14 DAY**

LNDC	VPAF	VE-FLUM	WIND-VEL				VEOR	VPAMIN				VSP'A	KVPA	KV	LIFT	LIFT	FF	LBS	KG	
			NO.	TD	KN	M/S		KN	M/S	KN	M/S									KN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
603	144	74	112	58	32	16	3	2	113	58	122	63		1.18	1.00		49300	22362		
605	148	76	116	60	32	16	3	2	118	61	122	63		1.21	1.30		49000	22226		
606	144	74	112	58	32	16	3	2	103	53	122	63		1.18	1.10		49300	22362		
607	140	72	108	56	32	16	3	2	111	57	122	63		1.14	1.00		49300	22362		
608	137	70	105	54	32	16	3	2	111	57	122	63		1.13	.90		48800	22136		
609	143	74	111	57	32	16	3	2	116	60					.90					
610	147	76	115	59	32	16	3	2	111	57	122	63		1.21	.80		49000	22226		
611	137	70	105	54	32	16	3	2	104	53	122	63		1.12	1.00		49000	22226		
612	142	73	110	57	32	16	3	2	108	56	121	62		1.17	1.00		48500	22000		
613	141	73	109	56	32	16	3	2	107	55	121	62		1.16	.90		48500	22000		
614	142	73	108	56	34	17	9	5	100	51	122	63		1.17	1.10		48700	22090		
616	139	72	105	54	34	17	9	5	102	52	121	62		1.14	1.10		48500	22000		
617	144	74	110	57	34	17	9	5	107	55	122	63		1.18	1.00	1.00	48700	22090		
618	145	75	111	57	34	17	9	5	105	54	122	63		1.19	1.20		48700	22090		
619	148	78	114	59	34	17	9	5	123	63	120	62		1.23	1.10		47500	21546		
620	148	78	114	59	34	17	9	5	109	56	120	62		1.23	1.00		47500	21546		
621	141	73	107	55	34	17	9	5	103	53	122	63		1.16	1.30		48900	22181		
622	141	73	107	55	34	17	9	5	103	53	121	62		1.16	1.00	1.10	48200	21864		
623	145	75	111	57	34	17	9	5	119	61	120	62		1.21	1.00		47300	21455		
624	145	75	111	57	34	17	9	5	98	50	120	62		1.21	1.20	1.20	47000	21319		
625	139	72	105	54	34	17	9	5	104	53	122	63		1.14	1.00		48900	22181		
628	142	73	110	57	32	16	6	3	114	59	118	61		1.20	.90		46100	20911		
629	136	70	104	53	32	16	6	3	109	56	120	62		1.13	.90		47700	21637		
633	136	70	104	53	32	16	6	3	108	56	118	61		1.16	1.10		45500	20639		
635	138	71	106	55	32	16	6	3	105	54	118	61		1.17	1.00		46200	20956		
636	145	75	113	58	32	16	6	3	105	54	118	61		1.23	1.10		45600	20684		
637	134	69	102	52	32	16	6	3	103	53	121	62		1.11	1.00		48100	21818		
638	139	72	107	55	32	16	6	3	103	53	117	60		1.20	1.20	1.20	44700	20276		
640	148	76	116	60	32	16	6	3	110	57	118	61		1.26	1.10		45600	20684		
644	139	72	107	55	32	16	6	3	105	54	116	60		1.20	1.20		44600	20231		
646	142	73	110	57	32	16	6	3	112	58	117	60		1.22	1.30	1.20	44800	20321		
647	144	74	112	58	32	16	6	3	107	55	116	60		1.23	1.30	1.30	44600	20231		
650	150	77	118	61	32	16	6	3	109	56	124	64		1.21	1.20	1.40	50400	22861		
655	148	76	116	60	32	16	6	3	118	61	123	63		1.21	1.20		49800	22589		
658	143	74	111	57	32	16	6	3	103	53	123	63		1.16	1.10		49900	22635		
659	145	75	113	58	32	16	6	3	120	62	123	63		1.18	1.00		49600	22499		
665	138	71	114	59	24	12	2	1	112	58	124	64		1.12	1.00		50200	22771		
666	140	72	116	60	24	12	2	1	117	60	123	63		1.14	1.00		49500	22453		
667	139	72	115	59	24	12	2	1	109	56	122	63		1.13	1.00		49000	22226		
668	140	72	114	59	26	13	2	1	120	62	124	64		1.13	1.00		50200	22771		

## DAY LANDINGS

## USS ENTERPRISE (CVN-6)

## LANDING DATA - MODEL F-14

LNDG NO.	VPAF	VE-FILM	WIND-VEL		PAR.		PERP.	VEOR	VPAMIN		VSP'A		KVPA	KV	LIFT		LIFT		WEIGHT	
	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S			TD	FF	TD	FF	LBS	KG
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
669	142	73	116	60	26	13	2	1	120	62	123	63			1.10				49400	22408
671	136	70	110	57	26	13	2	1	115	59	121	62			1.00				48500	22000
673	141	73	115	59	26	13	2	1	121	62	123	63			1.00				49600	22499
674	144	74	119	61	25	13	2	1	115	59	122	63			1.10				48800	22136
675	136	70	111	57	25	13	2	1	109	56	121	62			.90				48500	22000
676	135	69	110	57	25	13	2	1	109	56	121	62			1.00				48000	21773
677	138	71	113	58	25	13	2	1	106	55	123	63			1.00				49400	22408
678	141	73	116	60	25	13	2	1	117	60	121	62			1.00				48200	21864
679	138	71	113	58	25	13	2	1	104	53	122	63			1.00				48600	22045
680	142	73	117	60	25	13	2	1			121	62			1.00				48400	21954
681	136	70	111	57	25	13	2	1	106	55	121	62			1.00				47800	21682
682	133	68	108	56	25	13	2	1	104	53	123	63			1.00				49600	22499
685	140	72	115	59	25	13	2	1	120	62	120	62			.90				47000	21319
687	137	70	112	58	25	13	2	1	111	57	120	62			1.00				47500	21546
688	138	71	110	57	28	14	2	1	111	57	120	62			1.00				47100	21365
689	139	72	111	57	28	14	2	1	107	55	119	61			1.00				46500	21092
692	139	72	111	57	28	14	2	1	111	57	120	62			1.00				47500	21546
695	141	73	113	58	28	14	2	1	108	56	118	61			1.00	1.10			46100	20911
696	140	72	112	58	28	14	2	1	116	60	119	61			1.00	1.10			46600	21130
697	138	71	110	57	28	14	2	1	106	55	117	60			1.00				45000	20412
698	137	70	109	56	28	14	2	1	110	57	118	61			1.00				45800	20775
700	142	73	115	59	27	14	2	1	111	57	119	61			1.00	1.10			46700	21183
701	136	70	109	56	27	14	2	1	102	52	118	61			1.00				45700	20730
702	142	73	115	59	27	14	2	1	112	58	117	60			1.00				45300	20548
705	133	68	106	55	27	14	2	1	108	56	117	60			1.00				44800	20321
706	139	72	112	58	27	14	2	1	109	56	116	60			1.00				44600	20231
707	135	69	108	56	27	14	2	1	104	53	118	61			1.00				46200	20956
708	138	71	111	57	27	14	2	1	100	51	117	60			1.00	1.00			44800	20321
709	132	68	105	54	27	14	2	1	104	53	116	60			.90				44300	20094
710	137	70	110	57	27	14	2	1	107	55	117	60			1.00				45300	20548
719	148	76	118	61	30	15	3	2	114	59	124	64			1.00				50400	22861
721	136	70	108	55	30	15	3	2	105	54	123	63			1.00	1.10			50100	22725
724	140	72	112	58	28	14	2	1	118	61	116	60			1.00				44400	20140
725	141	73	113	58	28	14	2	1	109	56	123	63			1.00				49800	22589
728	141	73	113	58	28	14	2	1	124	64	118	61			1.00				45600	20684
729	141	73	113	58	28	14	2	1	109	56	123	63			1.00				49600	22499
730	138	71	110	57	28	14	2	1	109	56	121	62			.90				48400	21554
731	144	74	116	60	28	14	2	1	109	56	122	63			1.00	1.10			49200	22317
732	145	75	117	60	28	14	2	1	116	60	123	63			1.00				49400	22408
734	138	71	110	57	28	14	2	1	111	57	120	62			1.00				47600	21591

## DAY LANDINGS

## USS ENTERPRISE (CVN-6)

## LANDING DATA - MODEL F-14

LNOG	VPAF	VE-FILM		WIND-VEL		PERP.		VEOR		VPAMIN		VSP'A		KVPA	KV	TD	LIFT	LIFT	WEIGHT		
		KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S							MIN	SP'A
NO.	TD	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1																					
1098	133	68	110	57	23	12	4	2	2	115	59	120	62			1.10				47600	21591
1099	143	74	117	60	26	13	0	0	0	115	59	120	62			1.19				47600	21591
1100	141	73	115	59	26	13	0	0	0	115	59	122	63			1.15			1.20	49200	22317
1101	143	74	117	60	26	13	0	0	0	105	54	121	62			1.19			1.20	47800	21682
1102	144	74	118	61	26	13	0	0	0	117	60	121	62			1.19				48300	21909
1103	137	70	111	57	26	13	0	0	0	105	54	121	62			1.13				47800	21682
1104	136	70	110	57	26	13	0	0	0	112	58	119	61			1.14				46900	21274
1105	140	72	114	59	26	13	0	0	0	109	56	120	62			1.16			.90	47700	21637
1106	143	74	117	60	26	13	0	0	0	112	58	122	63			1.18			1.00	48600	22045
1107	143	74	117	60	26	13	0	0	0	116	60	119	61			1.20			1.10	46600	21138
1108	142	73	116	60	26	13	0	0	0	119	61	120	62			1.18			1.10	47600	21591
1109	144	74	118	61	26	13	0	0	0	115	59	119	61			1.21			1.10	46700	21183
1110	137	70	111	57	26	13	0	0	0	114	59	120	62			1.14			1.10	47100	21365
1111	135	69	109	56	26	13	0	0	0	116	60	118	61			1.14			.90	45800	20775
1112	148	76	122	63	26	13	0	0	0	118	61								1.10		
1113	138	71	112	58	26	13	0	0	0	112	58	120	62			1.16			.90	47100	21365
1114	138	71	112	58	26	13	0	0	0	114	59	120	62			1.16			1.00	47100	21365
1115	136	70	112	58	24	12	0	0	0	109	56	118	61			1.15			1.00	45700	20730
1116	144	74	120	62	24	12	0	0	0	115	59	119	61			1.21			1.00	46600	21138
1117	140	72	116	60	24	12	0	0	0	114	59	118	61			1.18			1.10	46200	20956
1118	136	70	112	58	24	12	0	0	0	112	58	118	61			1.15			1.10	46200	20956
1122	144	74	119	61	25	13	4	2	2	108	56	121	62			1.19			1.20	48500	22000
1125	139	72	114	59	25	13	4	2	2	115	59	120	62			1.16			1.00	47200	21410
1128	136	70	113	58	23	12	2	1	1	112	58	122	63			1.12			1.10	48800	22136
1129	140	72	117	60	23	12	2	1	1	112	58	123	63			1.13			1.00	50100	22725
1130	143	74	120	62	23	12	2	1	1	113	58	124	64			1.16			1.10	50400	22861
1131	148	76	121	62	27	14	2	1	1	128	66	123	63			1.20			1.00	50100	22725
1135	142	73	115	59	27	14	2	1	1	120	62	120	62			1.18			1.10	47600	21591
1136	148	76	121	62	27	14	2	1	1	114	59	122	63			1.21			1.20	48900	22181
1137	142	73	118	61	24	12	2	1	1	113	58	121	62			1.17			1.10	48200	21864
1139	135	69	111	57	24	12	2	1	1	110	57	120	62			1.12			1.10	47600	21591
1142	142	73	118	61	24	12	2	1	1	117	60	124	64			1.15			1.20	50600	22952
1143	143	74	119	61	24	12	2	1	1	97	50	118	61			1.21			1.10	46200	20956
1146	142	73	117	60	25	13	2	1	1	121	62	118	61			1.20			1.10	45600	20684
1155	140	72	113	58	27	14	2	1	1	107	55	117	60			1.19			1.20	45300	20548
1157	132	68	105	54	27	14	2	1	1	104	53	119	61			1.11			.90	46600	21138
1163	129	66	101	52	28	14	2	1	1	108	56	118	61			1.09			1.00	46200	20956
1185	139	72	116	60	23	12	2	1	1	121	62	122	63			1.14			1.00	49100	22272
1186	144	74	122	63	22	11	2	1	1	121	62	122	63			1.18			1.00	49100	22272
1189	142	73	120	62	22	11	2	1	1	127	65	122	63			1.17			1.10	48600	22045

## DAY LANDINGS

## USS ENTERPRISE (CVN-6)

## LANDING DATA - MODEL F-14

LNDG NO.	VPAF	VE-FILM		WIND-VEL		PAR.		PERI.		VEOR	VPAMIN		VSP'A		KVPA	KV	LIFT		LIFT		WEIGHT	
		KN	M/S	KN	M/S	KN	M/S	KN	M/S		KN	M/S	KN	M/S			TD	FF			LBS	KG
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
1192	141	73	119	61	22	11	2	1	114	59	122	63			1.16		1.00		48700	22090		
1198	141	73	116	60	25	13	2	1	114	59	121	62			1.16		.90		48000	21773		
1199	139	72	114	59	25	13	2	1	115	59	119	61			1.17		.90		46500	21092		
1371	139	72	115	59	24	12	0	0	116	60	121	62			1.15				48300	21909		
1373	144	74	120	62	24	12	0	0	118	61	124	64			1.16		1.00		50400	22861		
1374	140	72	116	60	24	12	0	0	122	63	124	64			1.13		1.20		50400	22861		
1380	143	74	119	61	24	12	0	0	116	60	123	63			1.16		1.10		49500	22453		
1383	143	74	118	61	25	13	0	0	114	59	122	63			1.17		1.00		48800	22136		
1384	143	74	118	61	25	13	0	0	120	62	122	63			1.17		1.10		49100	22272		
1385	141	73	114	59	27	14	0	0	107	55	122	63			1.16		1.00	1.00	48600	22045		
1386	135	69	106	55	29	15	1	1	109	56	118	61			1.15		.90		45600	20684		
1426	136	70	111	57	25	13	0	0	107	55	119	61			1.14		1.10	1.10	46600	21138		
1428	136	70	111	57	25	13	0	0	108	56	116	60			1.17		.90		44100	20004		
1433	133	68	108	56	25	13	0	0	115	59	120	62			1.11		1.00		47700	21637		
1437	136	70	111	57	25	13	0	0	111	57	120	62			1.13		1.00	1.00	47100	21365		
1443	140	72	115	59	25	13	0	0	111	57	117	60			1.19		1.10		45300	20548		
1520	135	69	110	57	25	13	2	1	108	56	121	62			1.11		1.10	1.10	48200	21864		
1525	137	70	114	59	23	12	2	1	111	57	120	62			1.14		1.10		47600	21591		
1724	143	74	115	59	28	14	2	1	112	58	124	64			1.15		.90		50300	22816		
1725	149	77	121	62	28	14	2	1	109	56	124	64			1.20		1.20		50400	22861		
1726	140	72	112	58	28	14	2	1	114	59	124	64			1.13		.90		50400	22861		
1729	139	72	111	57	28	14	2	1	119	61	122	63			1.14		1.00		48900	22181		
1730	147	76	119	61	28	14	2	1	127	65	122	63			1.20		1.20		49300	22362		
1733	143	74	115	59	28	14	2	1	114	59	121	62			1.17		1.10		48400	21954		
1734	139	72	111	57	28	14	2	1	108	56	122	63			1.13		1.00		49200	22317		
1735	142	73	110	57	32	16	6	3	109	56	122	63			1.16		1.10		49100	22272		
1738	146	75	114	59	32	16	6	3	113	58	120	62			1.22		1.10		47100	21365		
1740	141	73	109	56	32	16	6	3	115	59	122	63			1.15		1.10		48900	22181		
1741	138	71	106	55	32	16	6	3	112	58	121	62			1.14		.90		48100	21818		
1744	143	74	111	57	32	16	6	3	117	60	121	62			1.19		.90		47900	21727		
1747	141	73	109	56	32	16	6	3	116	60	120	62			1.18		1.00	1.00	47300	21455		
1750	143	74	111	57	32	16	6	3	113	58	120	62			1.19		1.00		47700	21637		
1753	143	74	111	57	32	16	6	3	107	55	118	61			1.20		1.00		46100	20911		
1754	141	73	109	56	32	16	6	3	110	57	118	61			1.19		1.00	1.00	45900	20820		
4153	132	68	105	54	27	14	2	1	100	51	119	61			1.11		.90		46900	21274		
4375	148	76	124	64	24	12	0	0	117	60	123	63			1.20		1.20		50100	22725		
4625	142	73	108	56	34	17	9	5	105	54	120	62			1.18		1.20		47100	21365		
4628	143	74	111	57	32	16	6	3	102	52	120	62			1.19		1.10		47700	21637		



LNOC	LANDING DATA - MODEL F-14										USS ENTERPRISE (CVN)				DAY LANDINGS			
	AIRCRAFT SINKING SPEED AT TOUCHDOWN										FREE-FLIGHT				GLIDE PATH ANGLE AT TD			
NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHM		BVV		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
603	10.5	3.2	10.5	3.2	10.9	3.3	10.8	3.3			2.6	.045	2.7	.047	12.7	3.9	8.1	2.5
605	4.6	1.4	2.0	.6	2.4	.7	2.2	.7			2.2	.039	.6	.011	8.4	2.6	3.9	1.2
606	6.7	2.0	6.9	2.1	7.7	2.4	7.6	2.3			2.8	.048	2.1	.037	10.9	3.3	5.7	1.7
607	2.5	.8	12.4	3.8	11.4	3.5	11.9	3.6			3.4	.060	3.5	.061	12.8	3.9	7.8	2.4
608	10.7	3.3	11.0	3.4	11.6	3.5	11.4	3.5			2.8	.049	3.3	.057	13.5	4.1	8.7	2.6
609	6.3	1.9	11.1	3.4	9.5	2.9	10.4	3.2			2.6	.045	3.0	.052	9.7	3.0	4.9	1.5
610	8.9	2.7	10.0	3.0	6.9	2.1	7.9	2.4			1.6	.028	2.3	.040	9.2	2.8	4.6	1.4
611	5.2	1.6	10.1	3.1	9.3	2.8	9.7	3.0			3.1	.053	2.5	.044	14.6	4.5	9.5	2.9
612	8.5	2.6	9.3	2.8	8.5	2.6	8.9	2.7			2.6	.046	2.3	.041	13.1	4.0	8.2	2.5
613	11.1	3.4	12.6	3.8	10.0	3.1	10.9	3.3			3.3	.053	3.4	.059	13.2	4.0	8.7	2.7
614	4.3	1.3	10.6	3.2	11.5	3.5	11.3	3.4			3.9	.068	3.4	.060	7.3	2.2	2.0	.6
616	8.5	2.6	9.2	2.8	8.5	2.6	9.0	2.7			2.9	.050	2.3	.040	11.8	3.6	6.9	2.1
617	6.7	2.0	9.8	3.0	10.3	3.1	9.9	3.0			3.1	.055	2.9	.050	12.3	3.7	7.2	2.2
618	6.6	2.0	8.8	2.7	8.5	2.6	8.6	2.6			2.3	.040	1.8	.032	8.7	2.7	3.8	1.2
619	6.3	1.9	7.2	2.2	6.0	1.8	6.8	2.1			2.3	.040	1.8	.032	11.2	3.4	7.1	2.2
620	7.0	2.1	8.3	2.5	6.6	2.0	7.4	2.3			2.1	.037	1.9	.033	11.1	3.4	7.0	2.1
621	9.2	2.8	9.4	2.9	10.3	3.2	9.9	3.0			4.4	.077	2.8	.049	7.2	2.2	1.4	.4
622	10.1	3.1	10.4	3.2	9.7	3.0	9.9	3.0			3.0	.057	2.8	.050	15.5	4.7	10.4	3.2
623	10.4	3.2	9.2	2.8	9.7	3.0	9.2	2.8			2.7	.047	2.3	.040	17.5	5.3	12.9	3.9
624	7.2	2.2	3.9	1.2	6.0	1.8	4.9	1.5			4.9	.042	1.3	.023	9.6	2.9	5.0	1.5
625	.1	.0	12.6	3.8	11.4	3.5	12.0	3.7			3.4	.060	3.8	.066	8.4	2.6	3.4	1.0
628	6.5	2.0	10.4	3.2	10.3	3.1	10.3	3.1			2.9	.050	3.0	.052	15.1	4.6	10.2	3.1
629	9.7	3.0	6.7	2.0	9.1	2.8	7.9	2.4			2.4	.041	2.2	.038	14.6	4.5	9.1	2.8
633	8.7	2.6	9.0	2.7	9.2	2.8	9.0	2.7			3.7	.064	3.0	.053	12.4	3.8	7.3	2.2
635	2.9	.9	10.8	3.3	10.7	3.3	10.8	3.3			3.3	.058	3.2	.055	16.2	4.9	11.8	3.6
636	10.6	3.2	9.0	2.8	8.4	2.6	8.7	2.7			3.1	.054	2.2	.039	14.0	4.3	9.6	2.9
637	6.8	2.1	10.2	3.1	8.4	2.6	10.1	3.1			2.8	.049	2.7	.048	13.6	4.1	8.4	2.6
638	8.6	2.6	10.5	3.2	8.2	2.5	9.6	2.9			9.9	.067	3.0	.053	17.3	5.3	12.8	3.9
640	5.9	1.8	5.7	1.7	6.1	1.9	6.1	1.9			2.2	.039	1.2	.021	13.8	4.2	9.7	3.0
644	7.6	2.3	6.2	1.9	5.4	1.7	5.5	1.7			2.8	.048	1.6	.029	12.3	3.7	7.4	2.3
646	10.3	3.1	5.3	1.6	2.8	.9	4.4	1.3			5.3	.042	1.3	.022	9.9	3.0	5.3	1.6
647	9.9	3.0	2.5	.7	4.1	1.2	3.6	1.1			1.1	.038	.9	.016	9.1	2.8	4.6	1.4
650	7.0	2.1	3.3	1.0	2.4	.7	2.8	.9			1.0	.034	.4	.007	10.3	3.1	5.6	1.7
655	10.2	3.1	5.3	1.6	7.1	2.2	7.3	2.2			2.8	.049	1.5	.026	17.2	5.2	13.0	4.0
658	10.2	3.1	9.0	2.7	12.2	3.7	11.3	3.5			4.0	.070	3.4	.059	13.4	4.1	8.2	2.5
659	10.8	3.3	9.3	2.8	8.6	2.6	8.9	2.7			2.8	.048	2.4	.042	15.0	4.6	10.5	3.2
665	10.5	3.2	12.0	3.7	11.9	3.6	12.0	3.7			3.2	.055	3.4	.059	14.4	4.4	9.3	2.8
666	6.8	2.1	6.4	1.9	7.1	2.2	6.7	2.1			2.2	.039	1.7	.029	9.7	3.0	5.2	1.6
667	10.5	3.2	11.3	3.4	10.5	3.2	11.0	3.4			2.9	.051	2.9	.050	11.0	3.4	6.8	2.1
668	13.1	4.0	14.5	4.4	11.6	3.5	13.2	4.0			3.1	.055	3.4	.060	17.4	5.3	13.0	4.0

## DAY LANDINGS

## USS ENTERPRISE (CVN-6)

## LANDING DATA - MODEL F-14

LNDC	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHM		BVW		OVER RAMP		OVER RAMP	
NO	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
669	4.3	1.3	13.6	4.2	12.5	3.8	13.2	4.0			3.7	.064	3.2	.055	17.5	5.3	13.0	4.0
671	12.0	3.7	11.7	3.6	10.3	3.1	11.0	3.3			3.2	.056	3.4	.059	15.4	4.7	10.5	3.2
673	5.8	1.8	11.5	3.5	10.5	3.2	10.8	3.3			3.4	.060	3.2	.056	13.1	4.0	7.9	2.4
674	11.5	3.5	10.2	3.1	11.5	3.5	10.8	3.3			3.2	.056	2.8	.049	14.9	4.5	10.4	3.2
675	10.8	3.3	12.5	3.8	10.6	3.2	11.3	3.4			3.1	.053	3.0	.053	14.3	4.4	9.7	3.0
676	8.3	2.5	9.9	3.0	8.6	2.6	9.3	2.8			2.9	.051	2.4	.041	16.1	4.9	11.4	3.5
677	10.9	3.3	12.5	3.8	11.7	3.6	12.1	3.7			3.0	.053	3.0	.052	16.6	5.1	11.9	3.6
678	10.1	3.1	8.8	2.7	8.5	2.6	8.8	2.7			2.4	.041	2.1	.036	13.8	4.2	9.2	2.8
679	9.2	2.8	8.4	2.6	9.9	3.0	9.3	2.8			2.8	.048	2.2	.036	14.0	4.3	8.7	2.7
680	10.2	3.1	12.2	3.7	11.4	3.5	11.8	3.6			3.0	.053	3.0	.052	12.7	3.9	7.7	2.3
681	9.0	2.7	10.2	3.1	10.5	3.2	10.4	3.2			3.6	.063	3.4	.060	17.5	5.3	12.6	3.8
682	10.8	3.3	12.0	3.6	10.5	3.2	11.3	3.4			3.0	.052	3.2	.055	19.7	6.0	15.3	4.7
685	11.9	3.6	13.4	4.1	11.5	3.5	12.4	3.8			2.9	.051	2.7	.047	13.6	4.1	8.6	2.6
687	9.4	2.9	8.3	2.5	8.8	2.7	8.6	2.6			3.4	.059	2.8	.049	17.4	5.3	12.5	3.8
688	9.4	2.9	11.0	3.4	10.3	3.1	10.4	3.2			3.4	.059	3.2	.057	14.4	4.4	9.3	2.8
689	11.2	3.4	11.0	3.3	11.0	3.3	10.9	3.3			3.4	.059	3.1	.055	18.5	5.6	13.9	4.2
692	9.6	2.9	12.3	3.7	11.6	3.5	12.0	3.6			3.4	.059	3.2	.055	13.9	4.2	9.5	2.9
695	8.4	2.5	7.6	2.3	7.0	2.1	7.3	2.2	7.5	2.3	2.5	.044	2.0	.035	13.9	4.2	9.5	2.9
696	10.0	3.0	8.8	2.7	9.1	2.8	8.9	2.7	9.1	2.8	4.4	.077	2.4	.042	23.8	7.3	18.7	5.7
697	8.4	2.6	8.3	2.5	7.9	2.4	8.1	2.5			2.7	.047	2.2	.038	14.3	4.4	9.7	3.0
698	10.6	3.2	9.8	3.0	11.7	3.6	10.8	3.3			3.3	.057	2.9	.050	14.9	4.5	9.9	3.0
700	9.9	3.0	8.4	2.6	8.1	2.5	8.2	2.5	8.0	2.4	2.3	.039	1.8	.032	14.6	4.5	10.2	3.1
701	9.1	2.8	12.9	3.9	10.3	3.1	11.6	3.5			3.2	.057	3.2	.056	17.2	5.2	12.8	3.9
702	9.5	2.9	8.9	2.7	8.6	2.6	8.9	2.7			3.0	.053	2.5	.044	13.9	4.2	9.2	2.8
705	9.3	2.8	7.3	2.2	6.2	1.9	6.5	2.0			2.0	.035	1.7	.029	8.5	2.6	3.2	1.0
706	7.9	2.4	9.1	2.8	9.3	2.8	9.2	2.8			3.1	.054	2.6	.045	12.2	3.7	7.7	2.3
707	12.8	3.9	13.8	4.2	13.2	4.0	13.5	4.1			3.6	.063	3.9	.068	22.0	6.7	17.3	5.3
708	8.3	2.5	13.7	4.2	12.5	3.8	13.1	4.0	12.9	3.9	3.8	.066	3.8	.066	20.3	6.2	15.8	4.8
709	9.3	2.8	13.1	4.0	13.8	4.2	13.5	4.1			4.1	.072	4.3	.076	17.7	5.4	12.7	3.9
710	9.4	2.8	10.9	3.3	10.8	3.3	10.7	3.3			4.1	.072	3.4	.059	16.9	5.2	11.9	3.6
719	9.0	2.7	8.2	2.5	10.4	3.2	9.9	3.0			2.9	.050	2.5	.044	15.0	4.6	10.5	3.2
721	7.0	2.1	7.1	2.2	4.6	1.4	5.4	1.6	5.2	1.6	2.1	.037	1.5	.026	13.4	4.1	8.6	2.6
724	6.5	2.0	11.3	3.4	12.6	3.8	11.9	3.6			3.2	.055	3.2	.055	15.9	4.8	11.0	3.4
725	13.4	4.1	13.1	4.0	11.9	3.6	12.4	3.8			4.1	.072	3.8	.067	19.2	5.9	14.8	4.5
728	9.4	2.9	8.0	2.4	7.9	2.4	8.0	2.4			2.6	.046	2.1	.036	10.0	3.0	5.5	1.7
729	12.1	3.7	13.1	4.0	11.7	3.6	13.0	4.0			4.2	.074	3.9	.068	19.9	6.1	15.5	4.7
730	13.3	4.1	12.5	3.8	11.2	3.4	12.3	3.8			3.5	.062	3.8	.066	19.4	5.9	14.8	4.5
731	9.1	2.8	11.7	3.6	11.6	3.5	11.9	3.6	11.9	3.6	3.9	.068	3.3	.057	17.8	5.4	13.3	4.0
732	8.4	2.6	8.2	2.5	6.8	2.1	7.2	2.2			2.3	.041	1.7	.029	15.4	4.7	11.1	3.4
734	12.5	3.8	9.4	2.9	10.2	3.1	10.0	3.0			3.6	.064	2.7	.047	20.4	6.2	15.3	4.7

## DAY LANDINGS

## USS ENTERPRISE (CVN-6)

## LANDING DATA - MODEL F-14

LNCG	AIRCRAFT SINKING SPEED AT TOUCHDOWN								GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT												
	NOSE				PORT				STBD		AVG		FREE-FLIGHT		BHW		BW		OVER RAMP		OVER RAMP						
	F/S	M/S	24	25	F/S	M/S	26	27	F/S	M/S	28	29	F/S	M/S	30	31	F/S	M/S	32	33	34	35	36	37	38	39	40
22																											
1098	9.4	2.9	10.6	3.2	9.6	2.9	10.6	3.2																			
1099	11.7	3.6	11.2	3.4	12.2	3.7	11.9	3.6																			
1100	9.3	2.8	10.2	3.1	9.6	2.9	10.0	3.0	9.9	3.0	3.3	.058	2.5	.044	17.2	5.2	12.8	3.9									
1101	6.9	2.1	4.8	1.5	3.8	1.2	2.9	.9	3.1	.9	1.8	.032	.5	.008	11.4	3.5	6.6	2.0									
1102	8.1	2.5	14.5	4.4	13.9	4.2	14.3	4.4																			
1103	15.4	4.7	14.7	4.5	14.5	4.4	14.8	4.5																			
1104	11.0	3.3	10.8	3.3	11.0	3.3	10.9	3.3																			
1105	10.4	3.2	9.7	2.9	11.2	3.4	10.5	3.2	10.4	3.2	2.7	.048	2.9	.051	15.8	4.8	11.1	3.4									
1106	12.7	3.9	13.6	4.1	12.0	3.6	12.8	3.9	12.3	3.7	2.9	.050	3.1	.054	15.7	4.8	11.1	3.4									
1107	8.4	2.6	8.0	2.4	9.0	2.7	8.5	2.6	8.5	2.6	2.4	.041	2.0	.034	13.2	4.0	8.8	2.7									
1108	8.3	2.5	9.6	2.9	8.8	2.7	9.2	2.8																			
1109	11.7	3.6	10.0	3.1	9.4	2.9	9.7	3.0	9.9	3.0	3.2	.056	2.8	.049	17.3	5.3	12.9	3.9									
1110	14.4	4.4	13.1	4.0	14.1	4.3	13.5	4.1																			
1111	12.2	3.7	11.4	3.5	11.1	3.4	11.3	3.4																			
1112	10.1	3.1	12.1	3.7	10.5	3.2	11.6	3.5																			
1113	11.6	3.5	11.7	3.6	11.3	3.4	11.3	3.5																			
1114	9.2	2.8	10.3	3.1	10.7	3.3	10.6	3.2																			
1115	12.9	3.9	12.4	3.8	12.1	3.7	11.9	3.6																			
1116	12.9	3.9	9.4	2.9	15.4	4.7	11.1	3.4																			
1117	11.3	3.4	10.0	3.0	9.4	2.9	9.3	2.8																			
1118	12.3	3.8	11.6	3.5	12.9	3.9	12.5	3.8																			
1122	9.8	3.0	11.6	3.5	13.9	4.2	12.8	3.9																			
1125	13.2	4.0	13.4	4.1	14.3	4.4	13.8	4.2																			
1128	9.8	3.0	12.4	3.8	10.6	3.2	12.3	3.7																			
1129	11.9	3.6	14.9	4.5	14.5	4.4	14.7	4.5	15.1	4.6																	
1130	9.2	2.8	9.8	3.0	8.1	2.5	9.2	2.8																			
1131	7.3	2.2	9.1	2.8	10.7	3.3	9.5	2.9																			
1135	10.0	3.0	11.8	3.6	10.0	3.0	10.9	3.3																			
1136	8.1	2.5	11.1	3.4	13.3	4.0	12.3	3.8																			
1137	10.1	3.1	10.2	3.1	10.4	3.2	10.4	3.2																			
1139	8.6	2.6	8.4	2.6	7.4	2.2	7.8	2.4																			
1142	6.1	1.9	6.1	1.9	5.8	1.8	6.1	1.8																			
1143	14.8	4.5	15.5	4.7	13.3	4.1	14.4	4.4																			
1146	9.5	2.9	10.5	3.2	8.6	2.6	9.7	3.0																			
1155	9.2	2.8	14.9	4.5	12.9	3.9	14.2	4.3																			
1157	7.2	2.2	11.4	3.5	9.8	3.0	10.6	3.2	10.3	3.1	3.1	.054	3.2	.057	14.9	4.5	9.4	2.9									
1163	11.3	3.5	12.1	3.7	11.1	3.4	11.6	3.5																			
1185	11.2	3.4	11.6	3.5	12.5	3.8	12.0	3.7	12.1	3.7	2.9	.051	3.2	.056	16.5	5.0	11.7	3.6									
1186	12.1	3.7	11.9	3.6	11.3	3.5	11.6	3.5																			
1189	10.1	3.1	8.9	2.7	10.0	3.0	9.4	2.9	9.7	3.0	2.5	.044	2.2	.039	14.4	4.4	10.4	3.2									

LNDC	LANDING DATA - MODEL F-14										USS ENTERPRISE (CVN-6)										DAY LANDINGS										
	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD										WHEEL HEIGHT										
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BW		OVER RAMP		OVER RAMP		OVER RAMP		OVER RAMP		OVER RAMP		OVER RAMP		OVER RAMP		OVER RAMP		
NO	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEC	RAD	DEC	RAD	FT	M	FT	M	FT	M	FT	M	FT	M	FT	M	FT	M	FT	M	
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40													
1192	10.3	3.1	14.2	4.3	14.0	4.3	14.0	4.3			3.0	.052	3.5	.061	18.2	5.5	14.0	4.3													
1198	11.3	3.5	15.2	4.6	11.7	3.6	13.5	4.1			3.6	.063	4.0	.070	16.9	5.2	12.4	3.8													
1199	11.8	3.6	13.1	4.0	11.1	3.4	12.1	3.7			2.9	.051	3.3	.058	18.6	5.7	14.1	4.3													
1371	13.3	4.0	13.1	4.0							3.1	.054			20.4	6.2	15.4	4.7													
1373	15.5	4.7	10.3	3.1	17.3	5.3	14.2	4.3			4.2	.073	3.8	.066	21.7	6.6	17.3	5.3													
1374	8.1	2.5	10.8	3.3	11.3	3.4	11.0	3.4			3.7	.065	3.0	.053	10.6	3.2	5.7	1.7													
1380	12.3	3.7	11.1	3.4	12.9	3.9	11.9	3.6			4.0	.070	3.2	.056	20.1	6.1	15.3	4.7													
1383	9.6	2.9	12.3	3.7	11.5	3.5	11.9	3.6			3.2	.055	3.0	.053	15.2	4.6	10.6	3.2													
1384	10.6	3.2	11.0	3.3	9.0	2.7	10.5	3.2			3.5	.061	2.9	.051	17.6	5.4	13.0	3.9													
1385	12.1	3.7	14.2	4.3	14.8	4.5	15.0	4.6	14.9		4.5	.070	4.3	.074	22.2	6.8	17.5	5.3													
1386	12.8	3.9	12.5	3.8	13.0	4.0	12.6	3.8			3.2	.056	3.8	.067	18.4	5.6	13.1	4.0													
1426	12.5	3.8	10.5	3.2	10.5	3.2	10.5	3.2	10.6		3.2	.055	2.8	.049	20.3	6.2	15.5	4.7													
1429	12.4	3.8	10.2	3.1	13.3	4.1	11.4	3.5			3.2	.055	3.4	.059	16.8	5.1	11.6	3.5													
1433	12.0	3.7	9.6	2.9	10.7	3.3	10.9	3.3			3.1	.053	3.1	.054	17.5	5.3	12.6	3.8													
1437	12.2	3.7	12.1	3.7	12.6	3.8	12.3	3.7	12.5		3.8	.056	3.3	.057	19.2	5.9	14.7	4.5													
1443	9.5	2.9	8.6	2.6	10.6	3.2	9.6	2.9			2.8	.048	2.5	.044	17.5	5.3	13.0	3.9													
1520	9.3	2.8	8.2	2.5	8.2	2.5	8.2	2.5	8.4		2.5	.042	1.9	.034	14.5	4.4	9.4	2.9													
1525	8.9	2.7	8.1	2.5	7.3	2.2	7.7	2.3			3.2	.056	2.8	.049	14.1	4.3	8.9	2.7													
1724	8.1	2.5	11.1	3.4	10.5	3.2	10.8	3.3			3.1	.054	3.1	.054	15.7	4.8	10.9	3.3													
1725	13.3	4.1	13.4	4.1	14.1	4.3	13.7	4.2			3.9	.068	3.2	.056	19.9	6.1	15.9	4.9													
1726	14.8	4.5	14.1	4.3	13.4	4.1	13.8	4.2			3.6	.063	4.0	.069	22.2	6.8	17.6	5.4													
1729	14.4	4.4	14.0	4.3	17.7	5.4	15.2	4.6			3.5	.062	4.0	.070	21.9	6.7	17.7	5.4													
1730	12.9	3.9	13.4	4.1	12.3	3.7	12.9	3.9			4.0	.069	3.2	.055	20.3	6.2	16.3	5.0													
1733	10.2	3.1	10.4	3.2	11.2	3.4	10.9	3.3			3.6	.062	3.0	.053	17.5	5.3	12.9	3.9													
1734	9.5	2.9	12.0	3.7	9.6	2.9	11.0	3.3			3.5	.061	3.1	.053	16.7	5.1	12.1	3.7													
1735	6.0	1.8	5.0	1.5	5.4	1.6	5.4	1.7			2.6	.046	1.4	.024	14.5	4.4	9.3	2.8													
1738	7.8	2.4	12.0	3.7	13.5	4.1	12.7	3.9			3.7	.065	3.3	.057	20.5	6.2	15.8	4.8													
1740	12.6	3.8	13.5	4.1	10.5	3.2	12.2	3.7			3.7	.065	3.4	.059	19.7	6.0	15.0	4.6													
1741	14.9	4.5	15.2	4.6	15.9	4.9	15.6	4.7			3.9	.068	4.6	.080	23.9	7.3	19.3	5.9													
1744	9.7	3.0	9.1	2.8	9.5	2.9	9.5	2.9			2.7	.047	2.8	.049	16.5	5.0	11.6	3.5													
1747	12.9	3.9	11.6	3.5	12.1	3.7	11.8	3.6	11.6		3.5	.055	3.1	.054	19.4	5.9	14.7	4.5													
1750	10.8	3.3	9.9	3.0	10.4	3.2	10.1	3.1			2.9	.051	2.9	.050	14.4	4.4	9.6	2.9													
1753	8.8	2.7	7.5	2.3	7.3	2.2	7.4	2.3			2.4	.041	1.6	.027	15.0	4.6	10.5	3.2													
1754	7.4	2.3	6.9	2.1	6.6	2.0	6.8	2.1	6.8		2.1	.045	1.9	.033	16.4	5.0	11.9	3.6													
4153	9.2	2.8	10.5	3.2	11.3	3.5	10.9	3.3			3.1	.054	3.1	.054	16.9	5.2	11.7	3.6													
4375	9.3	2.8	7.9	2.4	6.5	2.0	7.1	2.2			2.7	.048	1.7	.030	14.7	4.5	10.2	3.1													
4625	6.8	2.1	10.3	3.1	8.5	2.6	9.5	2.9			3.2	.055	2.7	.047	12.4	3.8	7.8	2.4													
4628	5.7	1.7	7.1	2.2	8.8	2.7	7.7	2.3			3.2	.056	2.3	.041	13.9	4.2	9.0	2.8													

LANDING DATA - MODEL F-14										USS ENTERPRISE (CVN-65)										DAY LANDINGS													
LNCG NO	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW							
	TD		OR			FF		TD			OR			FF		AT TD			AT TD		AT TD			AT TD		AT TD		AT TD					
	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD					
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61													
603	8.3	.145	9.5	.166			-2.9	-.051	-3.0	-.052			0.0	0.000	-2.4	-.042	-3.9	-.068	6.1	.106													
605	9.7	.169	9.4	.164			.2	.003	2.3	.040			0.0	0.000	-1.4	-.024	-2.1	-.037	2.7	.047													
606	9.5	.166	11.2	.195			2.0	.035	-2.4	-.042			7.0	.122	-.9	-.016	-6.0	-.105	8.9	.155													
607	9.2	.161	9.7	.169			-1.7	-.030	.6	.010			-.6	-.010	3.4	.059	-1.9	-.033	5.2	.091													
608	8.8	.154	9.9	.173			-1.9	-.033	1.4	.024			0.0	0.000	-2.4	-.042	-3.6	-.063	5.2	.091													
609	7.1	.124	10.1	.176			.9	.016	3.1	.054			2.4	.042	6.5	.113	-2.4	-.042	4.1	.072													
610	4.1	.072	10.2	.178			3.0	.052	5.5	.096			0.0	0.000	7.1	.124	-1.2	-.021	1.7	.030													
611	9.4	.164	10.6	.185			.2	.003	-.1	-.002			3.2	.056	2.6	.045	-2.8	-.049	4.3	.075													
612	7.6	.133	10.3	.180			-1.6	-.028	-.3	-.005			6.6	.115	3.0	.052	-2.6	-.045	6.5	.113													
613	8.0	.140	8.6	.150	8.0		-2.6	-.045	5.0	.087	-1.9	-.033	-.8	-.014	11.8	.206	-1.5	-.026	5.1	.089													
614	9.7	.169	10.1	.176			2.6	.045	1.7	.030			3.3	.058	-1.1	-.019	-3.0	-.052	3.5	.061													
616	9.5	.166	10.0	.175			-2.8	-.049	-.3	-.005			4.6	.080	1.9	.033	-3.1	-.054	2.3	.040													
617	8.4	.147	10.5	.183	8.6		-1.7	-.030	3.9	.068	-1.7	-.030	3.7	.065	-.7	-.012	-3.2	-.056	1.1	.019													
618	8.5	.148	10.0	.175			.1	.002	.8	.014			4.5	.079	1.0	.017	-3.1	-.054	3.8	.066													
619	6.8	.119	8.0	.140			-1.0	-.017	2.0	.035			3.6	.063	2.6	.045	-2.1	-.037	4.2	.073													
620	6.6	.115	8.4	.147			-.2	-.003	.7	.012			2.3	.040	5.9	.103	-2.8	-.049	5.4	.094													
621	12.7	.222	11.4	.199			1.2	.021	.1	.002			0.0	0.000	-3.4	-.059	-3.2	-.056	4.9	.086													
622	8.5	.148	10.3	.180	8.8		-1.7	-.030	3.6	.063	-1.5	-.026	4.5	.079	3.7	.065	-3.5	-.061	3.9	.068													
623	7.0	.122	9.1	.159			-2.7	-.047	-4.8	-.084			0.0	0.000	-.2	-.003	-5.4	-.094	8.9	.155													
624	8.5	.148	9.7	.169	8.7		-2	-.003	-4.9	-.086	-.4	-.007	6.8	.119	-7.2	-.126	-4.0	-.070	5.6	.098													
625	10.4	.181	9.9	.173			-5	-.009	2.0	.035			.8	.014	4.1	.072	-2.6	-.045	4.9	.086													
628	6.4	.112	10.1	.176			.4	.007	-.9	-.016			1.9	.033	.2	.003	-2.7	-.047	6.5	.113													
629	7.3	.127	12.5	.218			-3	-.005	.9	.016			0.0	0.000	-8.4	-.147	-4.2	-.073	6.8	.119													
633	9.9	.173	9.9	.173			3.4	.059	1.3	.023			5.0	.087	-1.7	-.030	-2.0	-.035	1.2	.021													
635	7.9	.138	8.0	.140			-.9	-.016	-1.8	-.031			1.5	.026	-.4	-.007	-2.8	-.049	5.8	.101													
636	6.3	.110	8.1	.141			.4	.007	6.2	.108			10.6	.185	2.1	.037	-6.6	-.115	6.4	.112													
637	9.5	.166	11.0	.192			-5.2	-.091	.1	.002			2.3	.040	.9	.016	-1.7	-.030	4.2	.073													
638	9.1	.159	7.8	.136	9.2		-1.0	-.017	-2.4	-.042	-.9	-.016	1.0	.017	6.6	.115	-2.4	-.042	4.5	.079													
640	7.5	.131	8.1	.141			-6.0	-.105	-1.3	-.023			0.0	0.000	-3.4	-.059	-3.8	-.066	7.6	.133													
644	8.4	.147	10.0	.175			-1.4	-.024	.2	.003			5.2	.091	4.9	.086	-2.2	-.038	3.9	.068													
646	10.6	.185	9.4	.164	10.3		-1.6	-.028	-2.8	-.049	-1.4	-.024	.6	.010	6.1	.106	-2.0	-.035	5.6	.098													
647	9.1	.159	9.4	.164	9.6		.168	2.9	.051	2.0	.035	3.2	.056	7.4	.129	-2.9	-.051	-3.9	-.068	7.5	.131												
650	9.6	.168	10.4	.181	11.0		.192	-1.2	-.021	.2	.003	-.8	-.014	0.0	0.000	3.7	.065	-2.1	-.037	5.3	.092												
655	7.7	.134	7.9	.138			2.0	.035	-.1	-.002			7.4	.129	.9	.016	-3.2	-.056	7.4	.129													
658	10.2	.178	9.7	.169			1.3	.023	-1.4	-.024			3.2	.056	-5.8	-.101	-2.8	-.049	6.6	.115													
659	6.7	.117	8.9	.155			-.2	-.003	-3.5	-.061			0.0	0.000	2.3	.040	-2.6	-.045	3.7	.065													
665	8.4	.147	10.5	.183			.9	.016	1.6	.028			.1	.002	.8	.014	-3.1	-.054	4.4	.077													
666	6.5	.113	9.4	.164			0.0	0.000	-4.3	-.075			5.2	.091	-2.7	-.047	-3.8	-.066	7.7	.134													
667	7.2	.126	7.8	.136			-1.4	-.024	1.9	.033			2.7	.047	2.0	.035	-3.7	-.065	3.8	.066													
668	7.0	.122	8.2	.143			-2.5	-.044	-2.2	-.038			0.0	0.000	8.9	.155	-3.1	-.054	6.2	.108													

UNDC	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.			
	NO	TD	DEG	RAD	TD	DEG	RAD	DEG	FF	TD	DEG	RAD	TD	DEG	RAD	DEG	AT TD	AT TD	AT TD	AT TD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
669	8.7	.152	8.0	.140			-1.4	-.024	2.6	.045			.6	.010	3.2	.056	-2.5	-.044	3.0	.052
671	8.3	.145	9.6	.168			-8	-.014	1.3	.023			0.0	0.000	5.1	.089	-3.7	-.065	6.4	.112
673	9.0	.157	10.3	.180			3.9	.068	1.7	.030			1.1	.019	2.4	.042	-4.1	-.072	5.8	.101
674	6.9	.120	8.4	.147			-4	-.007	-3.1	-.054			1.8	.031	-4.1	-.072	-4.0	-.070	4.7	.082
675	6.6	.115	8.8	.154			4.0	.070	5.5	.096			2.9	.051	4.5	.079	-2.6	-.045	7.2	.126
676	7.2	.128	9.2	.161			.4	.007	0.0	0.000			5.1	.089	4.9	.086	-3.2	-.056	4.4	.077
677	7.3	.127	9.1	.159			-2.3	-.040	-3.0	-.052			4.2	.073	2.3	.040	-3.7	-.065	6.9	.120
678	7.1	.124	9.6	.168			1.1	-.007	-2	-.003			0.0	0.000	-1	-.002	-3.7	-.065	5.5	.096
679	9.1	.159	11.3	.197			1.1	.019	-4.4	-.077			4.9	.086	-3.9	-.068	-4.0	-.070	7.1	.124
680	7.4	.129					-1.6	-.028					3.5	.061	3.1	.054	-5.2	-.091	8.6	.150
681	7.8	.136	10.2	.178			-4	-.007	.8	.014			2.4	.042	-1.0	-.017	-3.2	-.056	7.1	.124
682	9.0	.157	9.3	.162			-2.9	-.051	-8	-.014			0.0	0.000	4.8	.084	-1.9	-.033	4.8	.084
685	7.7	.134	8.3	.145			.2	.003	.7	.012			0.0	0.000	6.4	.112	-2.7	-.047	4.9	.086
687	8.3	.145	10.3	.180			.4	.007	-7	-.012			0.0	0.000	-8	-.014	-2.0	-.035	3.8	.066
688	7.6	.133	9.5	.166			-2.2	-.038	-4.4	-.077			2.8	.049	4.1	.072	-.8	-.014	3.9	.068
689	7.3	.127	10.0	.175			.9	.016	-6	-.010			2.2	.038	-4	-.007	-3.2	-.056	6.2	.108
692	6.8	.119	8.6	.150			-1.0	-.017	-2.0	-.035			1.5	.026	2.2	.038	-2.7	-.047	4.6	.080
695	7.1	.124	8.7	.152	7.3	.127	-7	-.012	-2	-.003	-5	-.009	0.0	0.000	1.8	.031	-3.0	-.052	3.5	.061
696	7.8	.136	9.1	.159	7.9	.138	-3	-.005	0.0	0.000	-3	-.005	0.0	0.000	-1.1	-.019	-3.9	-.068	5.8	.101
697	5.9	.103	9.2	.161			.3	.005	.9	.016			4.3	.075	1.4	.024	-5.6	-.098	7.4	.129
698	8.6	.150	10.0	.175			-2.4	-.042	-1.1	-.019			4.3	.075	-6.6	-.115	-6.1	-.106	9.5	.166
700	6.4	.112	9.2	.161	8.6	.115	.2	.003	.5	.009	.3	.005	0.0	0.000	.9	.016	-2.6	-.045	5.2	.091
701	6.9	.120	8.2	.143			.9	.016	.6	.010			1.4	.024	9.1	.159	-3.7	-.065	7.2	.126
702	7.6	.133	9.2	.161			-4.1	-.072	-5	-.009			1.6	.028	.3	.005	-4.4	-.077	6.0	.105
705	7.8	.136	12.1	.211			-3.3	-.058	-1.3	-.023			0.0	0.000	5.9	.103	-3.3	-.058	5.2	.091
706	7.6	.133	8.6	.150			-.3	-.005	.6	.010			2.7	.047	-7	-.012	-3.6	-.063	1.8	.031
707	6.9	.120	8.5	.148			-1.5	-.026	-1.4	-.024			0.0	0.000	2.4	.042	-2.1	-.037	5.2	.091
708	6.6	.115	7.8	.136	6.5	.113	.5	.009	.9	.016	.7	.012	.8	.014	4.1	.072	-4.5	-.079	9.4	.164
709	7.7	.134	9.1	.159			-3.9	-.068	4.7	.082			1.4	.024	-2.8	-.049	-8.4	-.147	10.7	.187
710	8.1	.141	9.0	.157			1.9	.033	1.8	.031			2.7	.047	-3	-.005	-3.7	-.065	6.4	.112
719	8.6	.150	8.9	.155			1.2	.021	-7	-.012			0.0	0.000	-4.0	-.070	-3.2	-.056	5.4	.094
721	8.4	.147	10.4	.181	8.8	.154	1.1	.019	-3	-.005	2.0	.035	0.0	0.000	5.4	.094	-3.6	-.063	4.7	.082
724	7.5	.131	9.7	.169			1.0	.017	-1.7	-.030			.6	.010	-5.4	-.094	-5.0	-.087	9.2	.161
725	8.6	.150	7.3	.127			-3.2	-.056	1.2	.021			0.0	0.000	4.4	.077	-2.6	-.045	6.2	.108
728	7.8	.136	9.0	.157			-1	-.002	-6	-.010			0.0	0.000	.5	.009	-1.9	-.033	4.1	.072
729	7.4	.129	7.2	.126			-2.8	-.049	-5	-.009			0.0	0.000	.7	.012	-3.2	-.056	6.2	.108
730	6.6	.115	8.5	.148			-2.6	-.045	-2.1	-.037			0.0	0.000	1.4	.024	-3.4	-.059	6.3	.110
731	7.1	.124	7.8	.136	7.2	.126	2.1	.037	1.6	.028	2.0	.035	2.5	.044	2.2	.038	-3.3	-.058	4.9	.086
732	6.9	.120	8.7	.152			-2.9	-.051	1.0	.017			0.0	0.000	6.9	.120	-3.0	-.052	4.6	.080
734	8.0	.140	9.8	.171			-3.2	-.056	-2.2	-.038			0.0	0.000	-3.8	-.066	-3.2	-.056	8.9	.155

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL F-14

LNOG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	NO	TD	OR	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
1098	8.6	.150	10.0	.175			-4.1	-.072	-4.4	-.007			3.7	.065	-1.1	-.002	-2.0	-.035	-2.0	-.035				
1099	7.1	.124	9.9	.173			-2.5	-.044	-5.7	-.099			0.0	0.000	-5.3	-.092	-3.9	-.068	7.7	.134				
1100	7.5	.131	7.9	.138	7.5	.131	-1.6	-.028	2.1	.037	-1.4	-.024	5.4	.094	1.7	.030	-3.9	-.068	6.1	.106				
1101	7.6	.133	10.6	.185	8.5	.148	-3.2	-.056	6.0	.105	-1.0	-.017	0.0	0.000	12.8	.223	-2.7	-.047	6.7	.117				
1102	7.1	.124	7.7	.134			-1.1	-.019	1.2	.021			1.9	.033	1.4	.024	-2.9	-.051	6.2	.108				
1103	6.9	.120	8.5	.148			-2.0	-.035	-2.2	-.003			4.0	.070	-7.7	-.012	-2.6	-.045	4.2	.073				
1104	8.4	.147	10.8	.188			-2.2	-.003	3.1	.054			4.2	.073	-8.7	-.014	-2.6	-.045	4.1	.072				
1105	6.3	.110	9.4	.164	6.4	.112	-5.5	-.009	1.4	.024	-7.7	-.012	2.5	.044	-5.4	-.094	-3.3	-.058	3.6	.063				
1106	7.1	.124	9.2	.161	6.8	.119	-8.7	-.014	-7.7	-.012	.3	.005	3.6	.063	5.8	.101	-2.2	-.038	1.6	.028				
1107	6.5	.113	9.0	.157	6.8	.119	0.0	0.000	-2.0	-.035	-3.3	-.005	5.1	.089	-3.6	-.063	-3.5	-.061	4.9	.086				
1108	8.0	.140	9.3	.162			3.2	.056	-1.4	-.024			4.2	.073	3.1	.054	-4.5	-.079	6.4	.112				
1109	6.8	.119	8.0	.140	7.1	.124	-1.3	-.023	-4.0	-.070	-1.1	-.019	0.0	0.000	2.1	.037	-4.0	-.070	3.5	.061				
1110	7.0	.122	8.5	.148			3.2	.056	-3.4	-.059			3.9	.068	-4.0	-.070	-2.7	-.047	6.8	.119				
1111	7.2	.126	9.6	.168			-1.2	-.021	-4.4	-.077			0.0	0.000	1.2	.021	-2.4	-.042	4.9	.086				
1112	6.9	.120	8.1	.141			-2.9	-.051	5.8	.101			1.5	.026	3.7	.065	-1.9	-.033	4.2	.073				
1113	6.4	.112	9.6	.168			3.5	.061	-7.7	-.012			0.0	0.000	.3	.005	-2.8	-.049	-7.7	-.012				
1114	7.5	.131	9.2	.161			-1.6	-.028	.3	.005			3.9	.068	-1.9	-.033	-2.0	-.035	.6	.010				
1115	7.4	.129	9.6	.168			-3.2	-.056	.3	.005			0.0	0.000	3.4	.059	-1.9	-.033	2.3	.040				
1116	4.8	.084	7.0	.122			6.0	.105	-4.4	-.007			0.0	0.000	-29.8	-.520	-3.2	-.056	3.3	.058				
1117	5.8	.101	8.9	.155			2.5	.044	-1.0	-.017			5.8	.101	-5.5	-.009	-2.7	-.047	1.7	.030				
1118	7.7	.134	9.2	.161			-1.8	-.031	-3.4	-.059			4.7	.082	-5.9	-.103	-3.2	-.056	4.8	.084				
1122	7.5	.131	7.5	.131			.5	.009	-1.9	-.033			2.8	.049	-8.1	-.141	-3.9	-.068	4.3	.075				
1125	7.5	.131	8.7	.152			0.0	0.000	-3.5	-.061			4.3	.075	-3.2	-.056	-2.5	-.044	3.3	.058				
1128	9.0	.157	10.3	.180			-3.9	-.068	-3.1	-.054			2.8	.049	.7	.012	-2.2	-.038	2.3	.040				
1129	7.9	.138			8.1	.141	-7.7	-.012		-.8	-.014		1.7	.030	1.4	.024	-1.2	-.021	1.4	.024				
1130	8.1	.141	7.8	.136			-1.1	-.019	.8	.014			0.0	0.000	3.8	.066	-2.0	-.035	3.9	.068				
1131	6.3	.110	8.2	.143			-3.8	-.066	-1.4	-.024			3.5	.061	-2.9	-.051	-3.9	-.068	7.1	.124				
1135	8.0	.140	9.2	.161			-2.2	-.003	2.9	.051			1.0	.017	6.4	.112	-3.5	-.061	4.9	.086				
1136	7.9	.138	8.5	.148			2.7	.047	-5.0	-.087			1.7	.030	-6.5	-.113	-2.5	-.044	5.0	.087				
1137	8.1	.141	7.9	.138			-2.1	-.037	.2	.003			6.7	.117	-1.4	-.024	-4.5	-.079	6.9	.120				
1139	10.3	.180	9.7	.169			2.1	.037	3.6	.063			3.4	.059	3.2	.056	-1.7	-.030	3.8	.066				
1142	7.0	.122	8.9	.155			-9.9	-.016	.7	.012			5.4	.094	.5	.009	-2.7	-.047	2.0	.035				
1143	6.2	.108	6.8	.119			.5	.009	.6	.010			0.0	0.000	7.6	.133	-3.1	-.054	2.3	.040				
1146	6.4	.112	7.8	.136			-2.4	-.042	1.3	.023			3.9	.068	5.1	.089	-3.4	-.059	4.4	.077				
1155	8.4	.147	6.9	.120			-1.4	-.024	-3.4	-.059			1.5	.026	4.6	.080	-2.0	-.035	4.5	.079				
1157	8.5	.148	11.7	.204	8.3	.145	-7.7	-.012	-1.0	-.017	-2.2	-.003	-1.2	-.021	5.7	.099	-3.3	-.058	6.3	.110				
1163	9.8	.171	10.2	.178			.8	.014	-2.2	-.003			0.0	0.000	3.6	.063	-3.0	-.052	6.6	.115				
1185	8.4	.147	9.6	.168	8.5	.148	0.0	0.000	-1.8	-.031	-3.3	-.005	2.1	.037	-3.1	-.054	-3.1	-.054	7.3	.127				
1186	6.9	.120	10.1	.176			.5	.009	-1.2	-.021			0.0	0.000	1.8	.031	-1.8	-.031	3.0	.052				
89	7.7	.134	7.6	.133	7.8	.136	-2.4	-.042	2.0	.035	-2.2	-.038	0.0	0.000	-3.4	-.059	-1.4	-.024	.7	.012				

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL F-14

LNCG NO	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	FF	TD	DEG	RAD	DEG	FF	TD	DEG	RAD	DEG	AT TO	TD	DEG	RAD	DEG	AT TO
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
1192	6.2	.108	7.7	.134			-1.3	-.023	-1.3	-.023			-1	-.002	1.3	.023	-3.5	-.061			6.6			.115
1198	6.8	.119	7.9	.138			.5	.009	-1.4	-.024			1.6	.028	12.1	.211	-4.8	-.084			4.9			.086
1199	7.0	.122	8.7	.152			-3.0	-.052	-3.5	-.061			0.0	0.000	6.3	.110	-1.8	-.031			2.7			.047
1371	6.3	.110	10.2	.178			-2.8	-.049	-1.7	-.030							-3.3	-.058			6.1			.106
1373	6.1	.106	7.1	.124			3.5	.061	-2.0	-.035			0.0	0.000	-21.7	-.379	-2.3	-.040			7.0			.122
1374	9.7	.169	9.3	.162			-5	-.009	-3	-.005			.8	.014	-1.8	-.031	-3.3	-.058			4.7			.082
1380	7.5	.131	8.6	.150			3.0	.052	-4.0	-.070			0.0	0.000	-6.6	-.115	-2.2	-.038			4.9			.086
1383	8.1	.141	8.9	.155			-7	-.012	-2.1	-.037			2.6	.045	2.7	.047	-3.5	-.061			3.4			.059
1384	9.2	.161	8.6	.150			-1.4	-.024	-7	-.012			0.0	0.000	2.9	.051	-1.6	-.028			1.9			.033
1385	6.6	.115	8.1	.141	6.8	.119	-1.6	-.028	-2	-.003	-2.1	-.037	1.0	.017	-5.3	.092	-3.0	-.052			5.7			.099
1386	6.8	.119	11.0	.192			2.2	.038	-6.1	-.106			0.0	0.000	-2.6	-.045	-4.3	-.075			6.3			.110
1426	7.3	.127	9.2	.161	7.6	.133	-1.4	-.024	-1.7	-.030	-1.7	-.030	0.0	0.000	-1	.002	-4.2	-.073			5.9			.103
1429	7.0	.122	10.7	.187			-5.0	-.087	-2	-.003			0.0	0.000	-8.5	-.148	-3.5	-.061			6.2			.108
1433	7.4	.129	9.8	.171			2.1	.037	-3.4	-.059			0.0	0.000	-9.2	-.161	-3.3	-.058			9.2			.161
1437	7.7	.134	8.3	.145	7.8	.136	-2.8	-.049	-2	.003	-3.1	-.054	0.0	0.000	-1.2	-.021	-2.0	-.035			3.1			.054
1443	6.9	.120	9.0	.157			-1.3	-.023	1.3	.023			0.0	0.000	-7.3	-.127	-3.4	-.059			2.4			.042
1520	10.5	.183	11.2	.195	10.7	.187	.2	.003	-2.0	-.035	.1	.002	0.0	0.000	.1	.002	-3.5	-.061			1.4			.024
1525	8.8	.154	10.5	.183			-3	-.005	-4	-.007			0.0	0.000	2.7	.047	-3.8	-.066			7.2			.126
1724	7.5	.131	9.4	.164			1.1	.019	1.4	.024			1.2	.021	1.9	.033	-2.1	-.037			2.4			.042
1725	7.0	.122	6.0	.105			-3.3	-.058	-2.9	-.051			0.0	0.000	-2.3	-.040	-1.8	-.031			4.3			.075
1726	6.3	.110	8.2	.143			.6	.010	-1.0	-.017			0.0	0.000	2.6	.045	-2.9	-.051			4.9			.086
1729	7.5	.131	7.0	.122			-7.0	-.122	.5	.009			0.0	0.000	-8.5	-.148	-5.3	-.092			6.0			.105
1730	8.3	.145	6.1	.106			-1.8	-.031	2.6	.045			0.0	0.000	3.9	.068	-2.6	-.045			5.3			.092
1733	8.4	.147	8.4	.147			1.2	.021	2.5	.044			0.0	0.000	-2.0	-.035	-2.7	-.047			2.5			.044
1734	7.5	.131	8.5	.148			-1.2	-.021	7.9	.138			4.3	.075	7.1	.124	-2.5	-.044			3.5			.061
1735	9.2	.161	11.3	.197			1.8	.031	.6	.010			0.0	0.000	.5	.009	-3.0	-.052			3.7			.065
1738	7.8	.136	8.6	.150			-8	-.014	-2.9	-.051			0.0	0.000	-5.1	-.089	-4.9	-.086			4.6			.080
1740	7.8	.136	8.4	.147			-3.4	-.059	-2	-.003			0.0	0.000	9.4	.164	-1.8	-.031			3.6			.063
1741	7.7	.134	8.0	.140			-1.0	-.017	.4	.007			0.0	0.000	-2.5	-.044	-4.2	-.073			4.8			.084
1744	7.4	.129	10.1	.176			-1.7	-.030	3.6	.063			0.0	0.000	-2.4	-.042	-3.2	-.056			5.2			.091
1747	7.3	.127	9.2	.161	7.4	.129	-1.2	-.021	.7	.012	-1.5	-.026	0.0	0.000	-2.0	-.035	-4.0	-.070			4.4			.077
1750	6.1	.106	9.6	.168			2.1	.037	-4.0	-.070			4.1	.072	-1.7	-.030	-.6	-.010			.4			.007
1753	8.9	.155	9.4	.164			-1.4	-.024	2.9	.051			0.0	0.000	.5	.009	-3.3	-.058			4.8			.084
1754	7.6	.133	9.0	.157	7.7	.134	2.2	.038	0.0	0.000	2.1	.037	0.0	0.000	1.3	.023	-3.4	-.059			4.8			.084
4153	8.1	.141	10.7	.187			.4	.007	-3.0	-.052			2.5	.044	-3.0	-.052	-4.4	-.077			8.2			.143
4375	7.6	.133	8.8	.154			2.1	.037	3.1	.054			0.0	0.000	3.8	.066	-1.3	-.023			-5			-.009
4625	9.1	.159	8.7	.152			-3	-.005	.1	.002			2.2	.038	5.5	.096	-3.6	-.063			0.0			0.000
4628	7.1	.124	9.6	.168			-2.2	-.038	1.0	.017			4.6	.080	-3.8	-.066	-3.9	-.068			6.3			.110



NOING DATA - MODEL F-14										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	LNDG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC				ARR	GEAR	REREAD										
													DISTANCE	FT	M	M				IN	HG	MM	HG						
NO.	DISTANCE	FT	M	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	NUMBER						
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
603	-15	-5	221	67	446	70100		3	2	-6	-0.10	-1.3	-0.23	64	18	29.92	760.0	0	0.0	0	0.0	0							
605	-13	-4	211	64	440	70200		3	2	0.0	0.000	1.3	.023	64	18	29.92	760.0	0	0.0	0	0.0	0							
606	-11	-3	204	62	450	70200		3	2	-2	-0.03	0.0	0.000	64	18	29.92	760.0	0	0.0	0	0.0	0							
607	-17	-5	196	60	447	70100		3	2	-2	-0.03	0.0	0.000	64	18	29.92	760.0	0	0.0	0	0.0	1							
608	-11	-3	236	72	446	70100		3	2	-4	-0.07	.9	.016	64	18	29.92	760.0	0	0.0	0	0.0	0							
609	-20	-6	195	59	445	70200		3	2	-2	-0.03	1.0	.017	64	18	29.92	760.0	0	0.0	0	0.0	1							
610	-9	-3	317	97	440	70200		3	2	0.0	0.000	-1.4	-0.24	64	18	29.92	760.0	0	0.0	0	0.0	0							
611	-15	-5	222	68	450	70120		3	2	-6	-0.10	.7	.012	64	18	29.92	760.0	0	0.0	0	0.0	0							
612	-18	-5	241	73	447	70100		3	2	-4	-0.07	-2.2	-0.03	64	18	29.92	760.0	0	0.0	0	0.0	1							
613	-13	-4	242	74	2	446	50100		3	2	0.0	0.000	1.6	.028	64	18	29.92	760.0	0	0.0	0	0.0	0						
614	-16	-5	100	30	445	70200		4	2	-1	-0.02	.9	.016	64	18	29.92	760.0	0	0.0	0	0.0	1							
616	-17	-5	185	56	1	450	50100		4	2	-6	-0.10	-1.8	-0.31	64	18	29.92	760.0	172	436.9	1	172	436.9	0					
617	-13	-4	201	61	1	447	50100		4	2	-2	-0.03	-7	-0.12	64	18	29.92	760.0	172	436.9	0	172	436.9	0					
618	-14	-4	147	45	1	445	50120		4	2	-4	-0.07	.2	.003	64	18	29.92	760.0	172	436.9	0	172	436.9	0					
619	-11	-3	245	75	440	60100		4	2	-2	-0.03	0.0	0.000	64	18	29.92	760.0	0	0.0	0	0.0	1							
620	-11	-3	254	77	440	60120		4	2	-3	-0.05	-2.2	-0.03	64	18	29.92	760.0	0	0.0	0	0.0	1							
621	-17	-5	84	26	443	70120		4	2	-3	-0.05	-1.0	-0.17	64	18	29.92	760.0	0	0.0	0	0.0	2							
622	-13	-4	237	72	2	450	50100		4	2	-3	-0.05	-1.1	-0.02	64	18	29.92	760.0	170	31.8	0	170	31.8	0					
623	-14	-4	299	91	4	447	50100		4	2	-5	-0.09	-1.2	-0.21	64	18	29.92	760.0	169	429.3	0	169	429.3	0					
624	-11	-3	204	62	1	440	50120		4	2	-2	-0.03	-1.2	-0.21	64	18	29.92	760.0	172	436.9	1	172	436.9	1					
625	-19	-6	130	40	443	70120		4	2	-1	-0.02	-3	-0.05	64	18	29.92	760.0	0	0.0	0	0.0	1							
628	-15	-5	269	82	4	440	50120		4	2	-2	-0.03	.4	.007	64	18	29.92	760.0	0	0.0	0	0.0	0						
629	-12	-4	289	88	1	447	50120		4	2	-4	-0.07	-5	-0.09	64	18	29.92	760.0	0	0.0	0	0.0	0						
633	-16	-5	189	58	1	447	50200		4	2	-1	.002	1.2	.021	64	18	29.92	760.0	171	434.3	1	171	434.3	1					
635	-14	-4	244	74	4	443	50100		4	2	-3	-0.05	-1.9	-0.33	64	18	29.92	760.0	168	426.7	0	168	426.7	0					
636	-7	-2	220	67	2	445	50100		4	2	-4	-0.07	-1.9	-0.33	64	18	29.92	760.0	170	431.8	0	170	431.8	0					
637	-20	-6	218	66	2	450	50100		4	2	-6	-0.10	-1.6	-0.28	64	18	29.92	760.0	168	426.7	1	168	426.7	1					
638	-15	-5	247	75	2	447	50100		4	2	0.0	0.000	-1.1	-0.19	64	18	29.92	760.0	170	431.8	0	170	431.8	0					
640	-20	-6	267	81	4	443	50100		4	2	-6	-0.10	-9	-0.16	64	18	29.92	760.0	169	429.3	1	169	429.3	1					
644	-14	-4	236	72	2	447	50100		4	2	-1	-0.02	.7	.012	64	18	29.92	760.0	170	431.8	0	170	431.8	0					
646	-19	-6	216	66	1	443	50100		4	2	-1	-0.02	-1.4	-0.24	64	18	29.92	760.0	172	436.9	1	172	436.9	1					
647	-15	-5	212	65	1	445	50200		4	2	-2	-0.03	-3	-0.05	64	18	29.92	760.0	171	434.3	1	171	434.3	1					
650	-19	-6	242	74	1	440	50100		4	2	-4	-0.07	-1.8	-0.31	64	18	29.92	760.0	174	442.0	1	174	442.0	1					
655	-11	-3	281	86	1	440	60200		4	2	-6	-0.10	-3	-0.05	64	18	29.92	760.0	0	0.0	0	0.0	0						
658	-18	-5	179	55	1	450	50200		4	2	-1	-0.02	-9	-0.16	64	18	29.92	760.0	172	436.9	1	172	436.9	1					
659	-9	-3	271	83	4	440	50120		4	2	-3	-0.05	-1.2	-0.21	64	18	29.92	760.0	170	431.8	1	170	431.8	1					
665	-14	-4	237	72	2	440	50200		3	2	-2	-0.03	.1	.002	64	18	29.94	760.5	172	436.9	0	172	436.9	0					
666	-8	-2	212	65	446	70120		3	2	-3	-0.05	.5	.009	64	18	29.94	760.5	0	0.0	0	0.0	0							
667	-9	-3	184	56	450	70100		3	2	-4	-0.07	-6	-0.10	64	18	29.94	760.5	0	0.0	0	0.0	0							
668	-13	-4	266	81	3	443	50100		3	2	-5	-0.09	-8	-0.14	64	18	29.94	760.5	170	431.8	0	170	431.8	0					

LNDG DATA - MODEL F-14										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDG		OFF-CENTER		RAMP TO TD		WIRE SIDE		LNDG		FLAP		SHIP		DECK PITCH		DECK ROLL		TEMP		BAROMETRIC		ARR GEAR		REREAD					
NO.		DISTANCE		DISTANCE		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.					
FT		M		M		M		M		M		M		M		M		M		M		M		M					
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
669	-13	-4	221	67		445	70100	3	2	-7	-.012	-.8	-.014	64	18	29.94	760.5	0	0.0	0									
671	-10	-3	264	80		450	70200	3	2	0.0	0.000	.4	.007	64	18	29.94	760.5	0	0.0	0									
673	-13	-4	211	64	3	440	50200	3	2	0.0	0.000	2.2	.038	64	18	29.94	760.5	0	0.0	0									
674	-13	-4	238	73		445	70100	3	2	-3	-.005	.9	.016	64	18	29.94	760.5	0	0.0	0									
675	-8	-2	230	70		3	446	50200	3	2	-4	-.007	1.3	.023	64	18	29.94	760.5	170	431.8	0								
676	-10	-3	262	80		3	450	50200	3	2	-5	-.009	.4	.007	64	18	29.94	760.5	170	431.8	0								
677	-16	-5	247	75		443	60100	3	2	-7	-.012	1.2	.021	64	18	29.94	760.5	0	0.0	1									
678	-13	-4	270	82		3	445	50100	3	2	-5	-.009	2.6	.045	64	18	29.94	760.5	171	434.3	0								
679	-14	-4	232	71		2	440	50200	3	2	-6	-.010	.5	.009	64	18	29.94	760.5	170	431.8	1								
680	-8	-2	250	76		3	443	50100	3	2	-1	-.002	1.0	.017	64	18	29.94	760.5	170	431.8	0								
681	-12	-4	218	66		2	446	50120	3	2	-2	-.003	-2.5	-.044	64	18	29.94	760.5	170	431.8	0								
682	-18	-5	261	80		447	70100	3	2	-1	-.002	-2.4	-.042	64	18	29.94	760.5	0	0.0	1									
685	-10	-3	315	96		4	445	50120	3	2	-5	-.009	.6	.010	64	18	29.94	760.5	170	431.8	0								
687	-14	-4	268	82		3	440	50200	3	2	.1	-.002	-1.6	-.028	64	18	29.94	760.5	170	431.8	1								
688	-16	-5	255	78		4	443	50100	3	2	-4	-.007	-1.8	-.031	64	18	29.94	760.5	168	426.7	0								
689	-11	-3	232	71		2	446	50200	3	2	-1	-.002	-2.1	-.037	64	18	29.94	760.5	168	426.7	0								
692	-12	-4	266	81		2	447	50120	3	2	-5	-.009	-.2	-.003	64	18	29.94	760.5	170	431.8	0								
695	-4	-1	287	87		3	445	50120	3	2	-2	-.003	-.2	-.003	64	18	29.94	760.5	170	431.8	0								
696	-10	-3	281	86		3	440	50120	3	2	-3	-.005	0.0	0.000	64	18	29.94	760.5	171	434.3	0								
697	-10	-3	267	81		3	450	50120	3	2	-3	-.005	1.8	.031	64	18	29.94	760.5	170	431.8	0								
698	-16	-5	221	67		2	446	50100	3	2	-5	-.009	2.1	.037	64	18	29.94	760.5	168	426.7	1								
700	-15	-5	285	87		3	447	50120	3	2	-6	-.010	.5	.009	64	18	29.94	760.5	171	434.3	0								
701	-6	-2	263	80		3	443	50100	3	2	-4	-.007	.6	.010	64	18	29.94	760.5	170	431.8	0								
702	-14	-4	247	75		445	60100	3	2	-1	-.002	1.5	.026	64	18	29.94	760.5	0	0.0	0									
705	-17	-5	197	60		446	60100	3	2	-4	-.007	-1.1	-.019	64	18	29.94	760.5	0	0.0	1									
706	-7	-2	207	63		1	445	50120	3	2	-2	-.003	.9	.016	64	18	29.94	760.5	171	434.3	0								
707	-13	-4	313	95		4	447	50120	3	2	-3	-.005	1.2	.003	64	18	29.94	760.5	169	429.3	0								
708	-8	-2	285	87		3	443	50120	3	2	-2	-.003	1.5	.026	64	18	29.94	760.5	170	431.8	0								
709	-14	-4	240	73		3	446	50100	3	2	0.0	0.000	2.0	.035	64	18	29.94	760.5	168	426.7	0								
710	-7	-2	235	72		2	447	50200	3	2	.1	.002	1.5	.026	64	18	29.94	760.5	170	431.8	0								
719	-15	-5	263	80		3	445	50200	3	2	-3	-.005	.1	.002	64	18	29.94	760.5	172	436.9	0								
721	0	0	320	98		3	450	50200	3	2	-2	-.003	2.5	.044	64	18	29.94	760.5	171	434.3	0								
724	-11	-3	248	76		3	443	50200	3	2	-4	-.007	0.0	0.000	64	18	29.94	760.5	171	434.3	0								
725	-13	-4	266	81		3	447	50100	3	2	.1	.002	0.0	0.000	64	18	29.94	760.5	171	434.3	0								
728	-15	-5	189	58		440	70120	3	2	-3	-.005	.2	.003	66	19	29.97	761.2	0	0.0	0									
729	-13	-4	262	80		440	70100	3	2					66	19	29.97	761.2	0	0.0	0									
730	-12	-4	305	93		4	447	50100	3	2	0.0	0.000	-.4	-.007	66	19	29.97	761.2	170	431.8	0								
731	-14	-4	243	74		2	440	50200	3	2	-2	-.003	.5	.009	66	19	29.97	761.2	171	434.3	0								
732	-11	-3	315	96		3	450	60100	3	2	-4	-.007	.3	.005	66	19	29.97	761.2	0	0.0	0								
734	-14	-4	281	86		447	60100	3	2	-4	-.007	.2	.003	66	19	29.97	761.2	0	0.0	0									

USS ENTERPRISE (CVN-65)										DAY LANDINGS											
DJING DATA - MODEL F-14																					
LNDG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	LNDG	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC	ARR	GEAR	REREAD							
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	DEG	RAD	DEG	RAD	F	C	IN HG	MM HG	IN	CM	RUNOUTS	NUMBER		
FT	M	FT	M				KN	M/S													
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	
1098	-15	-5	218	F6	2	450	50100		9	5	-1.3	-0.005	-2.4	-0.042	67	19	29.94	760.5	170	431.8	0
1099	-22	-7	278	85	3	442	50100		9	5	-1.4	-0.007	-2.0	-0.035	67	19	29.92	760.0	170	431.8	1
1100	-15	-5	243	74	2	443	80100		9	5	-1.4	-0.007	-1.9	-0.033	67	19	29.92	760.0	170	431.8	0
1101	-14	-4	268	82	2	441	80100		9	5	-1.4	-0.007	0.0	0.000	67	19	29.92	760.0	171	434.3	1
1102	-12	-4	257	78	3	440	50100		9	5	-1.6	-0.010	-1.2	-0.021	67	19	29.92	760.0	170	431.8	0
1103	-14	-4	184	56	2	446	50100		9	5	-1.3	-0.005	-2.4	-0.042	67	19	29.92	760.0	170	431.8	0
1104	-10	-3	226	89	2	450	50120		9	5	-1.4	-0.007	-1.9	-0.033	67	19	29.92	760.0	169	429.3	0
1105	-9	-3	283	86	3	442	80120		9	5	-1.2	-0.003	-1.4	-0.024	67	19	29.92	760.0	170	431.8	0
1106	-16	-5	240	73	2	443	80120		9	5	-1.6	-0.010	-1.0	-0.017	67	19	29.92	760.0	170	431.8	0
1107	-13	-4	244	74	2	445	80120		9	5	-1.5	-0.009	-1.3	-0.023	67	19	29.92	760.0	171	434.3	0
1108	-14	-4	211	64	2	440	50200		9	5	-1.1	-0.002	-1.6	-0.010	67	19	29.92	760.0	170	431.8	0
1109	-14	-4	286	87	3	441	50120		9	5					67	19	29.92	760.0	170	431.8	0
1110	-14	-4	176	54	2	446	50200		9	5					67	19	29.92	760.0	169	429.3	0
1111	-17	-5	307	94	4	450	50100		9	5	-1.2	-0.003	-1.9	-0.033	67	19	29.92	760.0	169	429.3	0
1112	-13	-4	251	77	4	443	60100		9	5	-1.2	-0.003	-1.2	-0.021	67	19	29.92	760.0	0	0.0	0
1113	-9	-3	280	85		442	60200		9	5	0.0	0.000	-1.0	-0.017	67	19	29.92	760.0	0	0.0	0
1114	-16	-5	231	70	2	443	50100		9	5	-1.5	-0.009	-2.2	-0.003	67	19	29.92	760.0	170	431.8	0
1115	-16	-5	244	74	4	442	50100		9	5	-1.5	-0.009	-1.6	-0.010	67	19	29.92	760.0	169	429.3	0
1116	1	0	311	95		440	60200		9	5	-1.3	-0.005	-1.4	-0.024	67	19	29.92	760.0	0	0.0	0
1117	-9	-3	248	76	4	440	50200		9	5	-1.4	-0.007	-1.8	-0.031	67	19	29.92	760.0	170	431.8	0
1118	-15	-5	171	52	1	446	50100		9	5	-1.4	-0.007	-1.8	-0.031	67	19	29.92	760.0	169	429.3	0
1122	-18	-5	205	62		111	70120		4	2	-1.4	-0.007	-1.5	-0.009	67	19	29.90	759.5	0	0.0	1
1125	-14	-4	199	61	2	111	50120		4	2	-1.1	-0.002	-1.9	-0.033	69	21	29.90	759.5	171	434.3	1
1128	-24	-7	181	55	2	442	50100		4	2	-1.2	-0.003	-2.5	-0.044	69	21	29.90	759.5	171	434.3	2
1129	-12	-4	241	73	2	450	50120		4	2	-1.2	-0.003	0.0	0.000	69	21	29.90	759.5	173	439.4	1
1130	-14	-4	254	77		445	60100		4	2	-1.2	-0.003	-1.9	-0.033	69	21	29.90	759.5	0	0.0	1
1131	-20	-6	211	64	3	445	50100		4	2	-1.4	-0.007	.4	.007	69	21	29.90	759.5	170	431.8	2
1135	-6	-2	237	72	2	442	50120		4	2	-1.4	-0.007	.3	.005	67	19	29.90	759.5	169	429.3	1
1136	-24	-7	131	40	1	450	50200		4	2					67	19	29.90	759.5	170	431.8	2
1137	-21	-6	219	67	2	445	50100		4	2	-1.3	-0.005	-1.3	-0.005	67	19	29.90	759.5	171	434.3	2
1139	-10	-3	230	70	2	441	50200		4	2					67	19	29.90	759.5	171	434.3	1
1142	-11	-3	211	64	4	442	50100		4	2	-1.1	-0.002	.4	.007	67	19	29.90	759.5	169	429.3	2
1143	-12	-4	311	95		442	60200		4	2	-1.3	-0.005	-1.6	-0.010	67	19	29.90	759.5	0	0.0	1
1146	-12	-4	248	76		442	60100		4	2	-1.2	-0.003	.7	.012	67	19	29.90	759.5	0	0.0	1
1155	-20	-6	194	59	2	450	50200		4	2	-1.6	-0.010	-1.4	-0.024	67	19	29.90	759.5	171	434.3	1
1157	-10	-3	248	76	2	441	50100		4	2	-1.2	-0.003	-1.7	-0.012	67	19	29.90	759.5	170	431.8	0
1163	-13	-4	259	79	4	441	50120		3	2	-1.5	-0.009	-1.8	-0.014	67	19	29.90	759.5	168	426.7	1
1185	-11	-3	254	77	2	201	50120		15	8	-1.3	-0.005	-1.9	-0.016	70	21	29.93	760.2	171	434.3	0
1186	-8	-2	289	88	4	200	50120		15	8	-1.3	-0.005	-1.8	-0.031	70	21	29.93	760.2	170	431.8	0
1189	-16	-5	246	75	2	200	50100		15	8	-1.4	-0.007	-1.1	-0.019	70	21	29.93	760.2	172	436.9	0

LNDG	NO.	OFF-CENTER		RAMP TO TD		WIRE	SIDE	LNKG	FLAP	SHIP			DECK			PITCH	DECK			ROLL	TEMP	BAROMETRIC			ARR	GEAR	REREAD
		FT	M	FT	M					NO.	TYPE	LNKG	CODE	KN	M/S		DEG	RAD	DEG			RAD	F	C			
	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82						
		-14	-4	262	80	3	441	50100	15	8	-5	-.009	.1	.002	.70	21	29.93	760.2	171	434.3	0						
		-16	-5	239	73	3	441	50120	15	8	.1	.002	.5	.009	.70	21	29.93	760.2	170	431.8	0						
		-14	-4	285	87		200	70100	15	8	-3	-.005	-2.4	-.042	.70	21	29.93	760.2	0	0.0	0						
		-9	-3	330	101		442	60100	4	2	-3	-.005	-1.2	-.021	.73	23	29.91	759.7	0	0.0	1						
		-20	-6	274	84	3	440	50200	4	2	-2	-.003	-1.2	-.021	.73	23	29.91	759.7	172	436.9	1						
		-19	-6	150	46	2	441	50120	4	2	-2	-.003	1.7	.030	.73	23	29.91	759.7	173	439.4	1						
		-14	-4	265	81	3	440	50200	4	2	-2	-.003	-2.1	-.037	.73	23	29.91	759.7	171	434.3	0						
		-17	-5	235	72	2	441	50120	4	2	-4	-.007	1.4	.024	.73	23	29.91	759.7	172	436.9	0						
		-12	-4	262	80	3	430	50100	8	4	-1	-.002	-2.6	-.045	.73	23	29.91	759.7	170	431.8	0						
		-13	-4	281	86	3	440	50100	8	4	-2	-.003	-1.7	-.030	.73	23	29.91	759.7	170	431.8	0						
		-7	-2	288	88	4	442	50200	8	4	-2	-.003	.1	.002	.73	23	29.91	759.7	166	421.6	1						
		-8	-2	284	87	3	441	80120	5	3	-4	-.007	-.6	-.010	.73	23	29.91	759.7	171	434.3	0						
		-15	-5	281	86		201	70200	5	3	-1	-.002	-2.1	-.037	.73	23	29.91	759.7	0	0.0	0						
		-14	-4	284	87		201	70100	5	3	-3	-.005	-1.7	-.030	.73	23	29.91	759.7	171	434.3	0						
		-13	-4	282	86	2	430	80100	5	3	-5	-.009	-.5	-.009	.73	23	29.91	759.7	169	429.3	0						
		-10	-3	312	95	4	430	50120	5	3	-3	-.005	-.4	-.007	.73	23	29.91	759.7	169	429.3	0						
		-14	-4	254	77	2	450	80120	8	4	-6	-.010	-.4	-.007	.72	22	29.97	761.2	170	431.8	0						
		-11	-3	280	85	3	450	50120	7	4	.5	.009	1.3	.023	.72	22	29.97	761.2	171	434.3	0						
		-5	-2	266	81	3	442	50120	7	4	-1	-.002	.9	.016	.71	22	29.92	760.0	171	434.3	0						
		-16	-5	239	73	3	447	50100	7	4	-6	-.010	.2	.003	.71	22	29.92	760.0	172	436.9	2						
		-4	-1	311	95	4	450	50120	7	4	-2	-.003	.2	.003	.71	22	29.92	760.0	170	431.8	0						
		-18	-5	284	87		442	60200	7	4	-6	-.010	-.9	-.016	.71	22	29.92	760.0	0	0.0	1						
		-13	-4	244	74	3	447	50120	7	4	-5	-.009	-.1	-.002	.71	22	29.92	760.0	172	436.9	0						
		-7	-2	250	76	4	442	50200	7	4	-2	-.003	-.3	-.005	.71	22	29.92	760.0	170	431.8	0						
		-8	-2	236	72	3	450	50100	7	4	-3	-.005	.3	.005	.71	22	29.92	760.0	171	434.3	0						
		-9	-3	270	82		430	70200	5	3	-3	-.005	.3	.005	.71	22	29.92	760.0	0	0.0	0						
		-18	-5	264	80	3	442	50120	5	3	-5	-.009	.7	.012	.71	22	29.92	760.0	170	431.8	0						
		-9	-3	262	80	3	447	50100	5	3	-4	-.007	-.3	-.005	.71	22	29.92	760.0	171	434.3	1						
		-8	-2	304	93		430	70120	5	3	-4	-.007	-.3	-.005	.71	22	29.92	760.0	0	0.0	0						
		-10	-3	322	98		430	70100	5	3	-1	-.002	.6	.010	.71	22	29.92	760.0	0	0.0	0						
		-10	-3	283	86	3	430	50120	5	3	-6	-.010	-.4	-.007	.71	22	29.92	760.0	170	431.8	0						
		-13	-4	250	76	3	450	50200	5	3	-2	-.003	-.4	-.007	.71	22	29.92	760.0	171	434.3	0						
		-12	-4	268	82	3	430	50120	5	3	-7	-.012	.3	.005	.71	22	29.92	760.0	171	434.3	0						
		-5	-2	324	99	4	430	80200	5	3	-2	-.003	.3	.005	.71	22	29.92	760.0	170	431.8	0						
		-12	-4	267	81		441	60120	4	2	-4	-.007	-.7	-.012	.67	19	29.90	759.5	0	0.0	0						
		-6	-2	277	84	3	440	50200	4	2	-2	-.003	2.4	.042	.73	23	29.91	759.7	171	434.3	0						
		-12	-4	196	60	1	445	50100	4	2	-3	-.005	-.3	-.005	.64	18	29.92	760.0	172	436.9	0						
		-7	-3	239	73	4	445	50100	4	2	0.0	0.000	-.3	-.005	.64	18	29.92	760.0	0	0.0	1						

**F-14 NIGHT**

## NIGHT LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL F-14

LNDG NO.	VPAF TD°	VE-FILM		WIND-VEL		PERP.	VEOR		VPAMIN		VSP'A	KVPA	KV	LIFT	LIFT	LBS	KG			
		KN	M/S	KN	M/S		KN	M/S	KN	M/S								KN	M/S	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
9164	132	68	98	50	34	17	6	3			121	62			1.09		1.20		48400	21954
9165	138	71	104	53	34	17	6	3			125	64			1.10		1.00		51100	23179
9168	143	74	109	56	34	17	6	3			122	63			1.17		1.00		49300	22362
9169	145	75	111	57	34	17	6	3			120	62			1.20		1.20	1.10	47700	21637
9170	145	75	111	57	34	17	6	3			121	62			1.10		1.10		48300	21909
9173	136	70	102	52	34	17	6	3			121	62			1.13		.90		47900	21727
9174	139	72	105	54	34	17	6	3			121	62			1.15		1.00		48200	21864
9180	135	69	101	52	34	17	6	3			119	61			1.13		1.10		46700	21183
9181	139	72	105	54	34	17	6	3			120	62			1.16		1.00		47400	21501
9182	134	69	100	51	34	17	6	3			118	61			1.14		1.00		45600	20684
9183	140	72	106	55	34	17	6	3			118	61			1.19		1.00		45700	20730
9247	136	70	101	52	35	18	3	2			121	62			1.13		1.10	1.00	48200	21864
9248	137	70	102	52	35	18	3	2			118	61			1.17		1.20	1.10	45600	20684
9250	141	73	106	55	35	18	3	2			120	62			1.18		.90		47000	21319
9252	161	83	126	65	35	18	3	2			119	61			1.35		1.40		46800	21228
9253	137	70	102	52	35	18	3	2			120	62			1.14		1.20		47000	21319
9254	136	70	101	52	35	18	3	2			121	62			1.13		.90		47900	21727
9255	139	72	104	53	35	18	3	2			121	62			1.15		1.00		47900	21727
9257	140	72	105	54	35	18	3	2			122	63			1.14		1.10		49300	22362
9258	136	70	101	52	35	18	3	2			123	63			1.11		1.00		49400	22408
9260	142	73	105	54	37	19	3	2			122	63			1.17		.90		48800	22136
9261	139	72	102	52	37	19	3	2			119	61			1.17		1.10		46800	21228
9262	141	73	104	53	37	19	3	2			121	62			1.16		1.00		48500	22000
9263	138	71	101	52	37	19	3	2			121	62			1.14		1.00		48100	21818
9266	139	72	102	52	37	19	3	2			118	61			1.18		1.00		45600	20684
9267	134	69	97	50	37	19	3	2			124	64			1.09		1.10	1.00	50400	22861
9269	144	74	107	55	37	19	3	2			124	64			1.16		1.00		50700	22998
9270	148	76	111	57	37	19	3	2			119	61			1.24		.90		46800	21228
9271	141	73	104	53	37	19	3	2			115	59			1.23		1.10		43500	19732
9272	144	74	107	55	37	19	3	2			116	60			1.24		1.10		44000	19958
9273	134	69	97	50	37	19	3	2			118	61			1.13		1.10		46100	20911
9274	143	74	106	55	37	19	3	2			124	64			1.16		1.00		50400	22861
9275	144	74	107	55	37	19	3	2			121	62			1.19		1.00		48100	21818
9276	158	91	121	62	37	19	3	2			121	62			1.30		1.00		48400	21954
9278	143	74	106	55	37	19	3	2			121	62			1.18		.90		48100	21818
9279	143	74	106	55	37	19	3	2			119	61			1.21		1.10		46400	21047
9280	143	74	106	55	37	19	3	2			124	64			1.15		1.10		50400	22861
9281	142	73	105	54	37	19	3	2			124	64			1.14		1.00		50300	22816
9282	147	76	110	57	37	19	3	2			121	62			1.21		.90		48400	21954

LANDING DATA - MODEL F-14										USS ENTERPRISE (CVN-65)					NIGHT LANDINGS				
LNDRG NO.	VPAF		VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT TD	LIFT FF					
	KN	M/S	KN	M/S	KN	M/S		KN	M/S						KN	M/S	MIN	SP' A	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
	139	72	102	52	37	19	3	2			120	62			1.17		1.10		
9283	145	75	108	56	37	19	3	2			123	63			1.18		1.10		
9284	141	73	104	53	37	19	3	2			123	63			1.15		1.00	1.10	
9285	142	73	105	54	37	19	3	2			120	62			1.19		1.00		
9286	133	68	98	50	35	18	3	2			122	63			1.09		1.00		
9287	142	73	107	55	35	18	3	2			122	63			1.17		1.10		
9292	143	74	113	58	30	15	3	2			119	61			1.20		1.20		
9337	164	84	134	69	30	15	3	2			123	63			1.33		1.10		
9342	143	74	113	58	30	15	3	2			122	63			1.18		1.00		
9343	145	75	120	62	25	13	2	1			117	60			1.24		.90		
9349	136	70	111	57	25	13	2	1			121	62			1.12		1.00		
9351	137	70	112	58	25	13	2	1			122	63			1.13		1.00		
9352	137	70	112	58	25	13	2	1			120	62			1.14		.90		
9353	137	70	112	58	25	13	2	1			120	62			1.13		1.20		
9354	136	70	111	57	25	13	2	1			119	61			1.13		1.10		
9355	135	69	110	57	25	13	2	1			118	61			1.16		1.30		
9356	137	70	112	58	25	13	2	1			118	61			1.13		1.10		
9359	136	70	111	57	25	13	2	1			120	62			1.17		1.20		
9360	140	72	115	59	25	13	2	1			120	62			1.17		1.00		
9362	139	72	114	59	25	13	2	1			119	61			1.16		1.00		
9364	142	73	117	60	25	13	2	1			123	63			1.17		1.00		
9365	145	75	120	62	25	13	2	1			124	64			1.17		1.00		
9367	135	69	111	57	24	12	2	1			124	64			1.09		1.10		
9368	140	72	116	60	24	12	2	1			121	62			1.16		1.50		
9369	141	73	117	60	24	12	2	1			123	63			1.15		1.00		
9370	140	72	116	60	24	12	2	1			122	63			1.15		1.30		
9370	132	68	108	56	24	12	2	1			122	63			1.09		1.00	1.00	
9371	140	72	116	60	24	12	2	1			121	62			1.15		1.10		
9372	128	66	104	53	24	12	2	1			120	62			1.07		1.00		
9373	129	66	105	54	24	12	2	1			120	62			1.06		1.00		
9375	142	73	114	59	28	14	2	1			121	62			1.17		1.00		
9376	135	69	107	55	28	14	2	1			119	61			1.13		1.10		
9377	143	74	115	59	28	14	2	1			124	64			1.16		.90		
9378	142	73	114	59	28	14	2	1			119	61			1.19		1.20		
9379	132	68	104	53	28	14	2	1			120	62			1.10		1.10		
9380	134	69	106	55	28	14	2	1			119	61			1.13		1.00		
9381	139	72	111	57	28	14	2	1			123	63			1.13		1.20		
9382	137	70	109	56	28	14	2	1			123	63			1.11		1.00		
9383	139	72	111	57	28	14	2	1			121	62			1.15		1.20		
9384	137	70	111	57	28	14	2	1			122	63			1.02		1.10		
9422	124	64	101	52	23	12	4	2			122	63			1.08		1.00		
9426	131	67	108	56	23	12	4	2			121	62							

LANDING DATA - MODEL F-14										USS ENTERPRISE (CVN-65)					NIGHT LANDINGS								
LNDG NO.	VPAF		VE-FILM		WIND-VEL				VEOR		VPAMIN		VSP'A		KVPA		KV	LIFT		LIFT		WEIGHT	
	KN	M/S	KN	M/S	KN	M/S	PAR.	PERP.	KN	M/S	KN	M/S	KN	M/S	MIN	SP' A		TD	FF		LBS	KG	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
9429	143	74	118	61	25	13	4	2			122	63			1.17		1.10		49300	22362			
9433	144	74	117	60	27	14	5	3			121	62			1.19		.90		48200	21864			
9437	134	69	107	55	27	14	5	3			117	60			1.14		1.10		45400	20593			
9438	137	70	110	57	27	14	5	3			119	61			1.15		.90		46800	21228			
9439	140	72	113	58	27	14	5	3			119	61			1.18		1.00		46800	21228			
9441	137	70	110	57	27	14	5	3			117	60			1.17		1.10		45400	20593			
9449	134	69	107	55	27	14	5	3			123	63			1.09		.90		49400	22408			
9455	137	70	107	55	30	15	5	3			120	62			1.14		.90		47500	21546			
9497	148	76	118	61	30	15	3	2			124	64			1.20		1.20		50400	22861			
9504	142	73	115	59	27	14	2	1			121	62			1.18		1.00		48000	21773			
9539	140	72	112	58	28	14	2	1			121	62			1.15		1.10		48400	21954			
9545	143	74	116	60	27	14	2	1			122	63			1.17		1.00		49100	22272			
9555	142	73	115	59	27	14	2	1			121	62			1.18		1.00		47800	21682			
9564	149	77	119	61	30	15	3	2			118	61			1.27		1.00		45700	20730			
9593	135	69	107	55	28	14	2	1			120	62			1.12		.80		47500	21546			



## LANDING DATA - MODEL F-14 USS ENTERPRISE (CVN-65) NIGHT LANDINGS

LNDRG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN								GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT			
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BHV		OVER RAMP			
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M		
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
9164	11.0	3.4	11.4	3.5	10.5	3.2	11.2	3.4						3.6	.062			
9165	9.1	2.8	10.6	3.2	9.7	3.0	10.1	3.1						3.2	.056			
9168	12.6	3.8	12.2	3.7	13.3	4.1	12.7	3.9						3.6	.062			
9169	10.1	3.1	7.8	2.4	10.7	3.3	9.3	2.8	9.7	3.0				2.5	.044			
9170	10.5	3.2	9.6	2.9	7.2	2.2	8.5	2.6						2.1	.037			
9173	11.1	3.4	16.9	5.1	15.9	4.8	16.4	5.0						5.2	.091			
9174	13.5	4.1	15.3	4.7	14.4	4.4	14.4	4.4						4.3	.075			
9180	6.5	2.0	12.7	3.9	12.5	3.8	12.6	3.8						3.6	.063			
9181	7.5	2.3	10.7	3.3	11.5	3.5	11.4	3.5						3.5	.061			
9182	7.7	2.3	16.2	4.9	14.9	4.6	14.7	4.5						4.8	.084			
9183	8.4	2.6	12.2	3.7	9.0	2.8	10.8	3.3	10.7	3.3				3.5	.060			
9247	8.0	2.4	11.0	3.3	11.7	3.6	11.5	3.5						3.6	.063			
9248	9.0	2.7	9.2	2.8	11.0	3.3	10.1	3.1	11.9	3.6				2.5	.044			
9250	11.7	3.6	12.4	3.8	12.2	3.7	12.3	3.8						3.7	.065			
9252	10.3	3.1	8.7	2.7	7.3	2.2	7.7	2.4						1.5	.026			
9253	10.1	3.1	11.2	3.4	10.2	3.1	10.7	3.2						3.4	.060			
9254	12.0	3.7	13.3	4.0	7.9	2.4	10.6	3.2						3.0	.052			
9255	15.7	4.8	14.1	4.3	15.5	4.7	14.7	4.5						4.0	.070			
9257	9.5	2.9	8.2	2.5	7.2	2.2	7.4	2.2						2.2	.038			
9258	11.2	3.4	14.2	4.3	13.0	3.9	13.6	4.1						4.3	.074			
9260	11.3	3.4	9.8	3.0	10.6	3.2	10.2	3.1						3.3	.057			
9261	9.4	2.9	11.6	3.5	12.1	3.7	11.4	3.5						3.3	.058			
9262	13.5	4.1	14.9	4.5	13.5	4.1	14.2	4.3						4.2	.074			
9263	8.1	2.5	8.7	2.7	8.9	2.7	8.8	2.7						2.6	.045			
9264	12.0	3.6	11.2	3.4	12.6	3.8	11.9	3.6						3.9	.068			
9266	9.2	2.8	10.3	3.1	10.6	3.2	10.4	3.2						3.7	.064			
9267	10.5	3.2	14.5	4.4	13.4	4.1	13.9	4.2	15.5	4.7				4.1	.072			
9269	2.8	.8	11.8	3.6	16.1	4.9	13.7	4.2						3.9	.069			
9270	6.4	2.0	4.3	1.3	5.0	1.5	4.6	1.4						1.2	.021			
9271	11.0	3.3	10.1	3.1	8.9	2.7	9.3	2.8						3.0	.053			
9272	12.5	3.8	14.6	4.4	14.7	4.5	14.7	4.5						4.4	.076			
9273	10.5	3.2	13.2	4.0	14.1	4.3	13.7	4.2						3.1	.055			
9274	11.2	3.4	11.9	3.6	10.4	3.2	11.1	3.4						3.4	.059			
9275	10.6	3.2	13.7	4.2	9.5	2.9	11.6	3.5						3.2	.055			
9276	4.7	1.4	12.9	3.9	12.6	3.8	13.8	4.2						3.4	.060			
9278	11.3	3.4	11.6	3.5	11.8	3.6	11.7	3.6						3.3	.058			
9279	7.4	2.2	12.0	3.6	11.9	3.6	11.9	3.6						4.7	.081			
9280	11.1	3.4	17.0	5.2	15.3	4.7	15.8	4.8						3.6	.062			
9281	12.3	3.7	11.2	3.4	12.0	3.7	11.6	3.5						2.7	.047			
9282	11.3	3.5	11.4	3.5	10.6	3.2	11.0	3.4										

LANDING DATA - MODEL F-14										USS ENTERPRISE (CVN-65)				NIGHT LANDINGS				
LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP	FT	OVER RAMP	FT
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
9283	10.4	3.2	9.9	3.0	8.7	2.6	9.0	2.7					2.8	.048				
9284	9.1	2.8	12.7	3.9	9.3	2.8	11.5	3.5					3.1	.054				
9285	11.5	3.5	10.5	3.2	11.3	3.5	11.0	3.3	10.9	3.3			3.4	.059				
9286	11.1	3.4	15.4	4.7	10.4	3.2	12.9	3.9					3.7	.065				
9287	8.9	2.7	9.8	3.0	12.1	3.7	11.1	3.4					3.9	.067				
9292	5.9	1.8	5.4	1.6	3.6	1.1	3.9	1.2					.7	.013				
9337	14.2	4.3	15.1	4.6	13.9	4.2	14.5	4.4					3.9	.069				
9342	15.0	4.6	13.7	4.2	15.3	4.7	14.2	4.3					3.5	.061				
9343	12.3	3.8	13.5	4.1	14.6	4.4	14.1	4.3					3.7	.064				
9349	16.3	5.0	18.5	5.6	14.4	4.4	17.0	5.2					4.6	.080				
9351	13.3	4.0	12.5	3.8	11.3	3.4	11.9	3.6					3.3	.058				
9352	15.1	4.6	16.3	5.0	16.1	4.9	16.2	4.9					4.3	.075				
9353	19.6	6.0	19.4	5.9	18.4	5.6	18.9	5.8					5.4	.094				
9354	5.8	1.8	10.6	3.2	10.1	3.1	10.6	3.2					3.0	.053				
9355	10.9	3.3	9.1	2.8	9.0	2.7	8.3	2.5					2.4	.041				
9356	5.9	1.8	9.1	2.8	8.8	2.7	9.6	2.9					2.4	.042				
9359	12.8	3.9	13.3	4.1	11.7	3.6	12.7	3.9					3.5	.061				
9360	11.6	3.5	10.6	3.2	10.8	3.3	10.7	3.3					2.9	.050				
9362	8.2	2.5	17.4	5.3	12.5	3.8	15.4	4.7					4.3	.075				
9364	12.2	3.7	12.4	3.8	10.5	3.2	11.5	3.5					3.2	.056				
9365	10.6	3.2	13.6	4.1	10.9	3.3	12.2	3.7					3.1	.055				
9367	12.6	3.8	11.9	3.6	14.0	4.3	12.9	3.9					3.7	.065				
9368	9.9	3.0	10.8	3.3	9.3	2.8	10.1	3.1					2.3	.041				
9369	13.6	4.1	13.8	4.2	13.8	4.2	13.8	4.2					3.6	.063				
9370	8.3	2.5	8.3	2.5	8.8	2.7	8.5	2.6	14.8	4.5			2.1	.037				
9371	11.8	3.6	14.7	4.5	15.0	4.6	14.8	4.5					4.4	.077				
9372	12.4	3.8	12.4	3.8	15.5	4.7	13.4	4.1					3.6	.063				
9373	12.6	3.8	11.7	3.6	11.2	3.4	11.3	3.5					3.2	.055				
9375	14.1	4.3	14.0	4.3	10.9	3.3	12.6	3.8					3.5	.062				
9376	8.1	2.5	9.2	2.8	6.1	1.8	7.6	2.3					2.4	.041				
9377	12.7	3.9	12.1	3.7	10.8	3.3	11.4	3.5					3.2	.056				
9378	13.2	4.0	17.4	5.3	10.5	3.2	13.3	4.0					3.7	.065				
9379	9.2	2.8	4.9	1.5	6.3	1.9	5.6	1.7					1.6	.027				
9380	12.2	3.7	13.6	4.1	13.5	4.1	13.5	4.1					4.6	.080				
9381	11.0	3.4	14.0	4.3	14.0	4.3	14.0	4.3					4.3	.074				
9382	8.4	2.6	6.3	1.9	7.2	2.2	6.6	2.0					1.7	.030				
9383	13.6	4.1	11.7	3.6	12.7	3.9	12.2	3.7	12.0	3.7			3.5	.061				
9384	11.4	3.5	11.6	3.5	12.2	3.7	11.7	3.6					2.9	.050				
9422	10.9	3.3	9.4	2.9	8.8	2.7	9.0	2.7					2.6	.046				
9426	13.9	4.2	13.9	4.2	13.7	4.2	13.8	4.2					3.9	.069				

LANDING DATA - MODEL F-14										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS																			
LN0G	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD										WHEEL HEIGHT																		
	NOSE					PORT					STBD					AVG					FREE-FLIGHT					BHW					BVV					OVER RAMP			
	F/S	M/S	24	25	26	F/S	M/S	27	28	F/S	M/S	29	F/S	M/S	30	F/S	M/S	31	32	33	34	35	36	37	38	39	40												
22																																							
9429	12.1	3.7	13.5	4.1	9.7	3.0	11.4	3.5																															
9433	13.2	4.0	10.2	3.1	12.4	3.8	12.2	3.7																															
9437	9.6	2.9	15.1	4.6	15.7	4.8	15.4	4.7																															
9438	10.2	3.1	12.2	3.7	15.0	4.6	13.6	4.1																															
9439	14.8	4.5	13.1	4.0	17.8	5.4	15.8	4.8																															
9441	5.8	1.8	10.8	3.3	12.1	3.7	11.4	3.5																															
9449	15.4	4.7	16.2	4.9	16.1	4.9	15.9	4.8																															
9455	16.3	5.0	18.0	5.5	15.3	4.7	15.2	4.6																															
9497	6.9	2.1	6.4	2.0	4.5	1.4	5.5	1.7																															
9504	10.3	3.1	8.0	2.5	7.8	2.4	7.5	2.3																															
9539	11.6	3.5	9.9	3.0	8.8	2.7	9.6	2.9																															
9545	12.2	3.7	14.2	4.3	11.5	3.5	12.8	3.9																															
9555	10.1	3.1	12.6	3.8	13.3	4.1	13.4	4.1																															
9564	10.4	3.2	11.3	3.4	14.0	4.3	13.0	3.9																															
9593	9.7	3.0	15.0	4.6	12.4	3.8	14.4	4.4																															

## LANDING DATA - MODEL F-14

## USS ENTERPRISE (CVN-65)

## NIGHT LANDINGS

LNDG NO	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	TO		OR		FF		TD		OR		FF		AT TD		AT TD		AT TD		AT TD		AT TD			
	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
9164	10.7	.187					-2.6	-.045					0.0	0.000	1.7	.030	-3.1	-.054	5.4	.094				
9165	8.2	.143					1.4	.024					2.6	.045	3.2	.056	-2.3	-.040	5.8	.101				
9168	7.4	.129					4.1	.072					0.0	0.000	-4.2	-.073	-3.6	-.063	3.3	.058				
9169	8.1	.141			8.3	.145							0.0	0.000	-10.1	-.176	-4.4	-.077	5.8	.101				
9170	9.2	.161					1.4	.024					3.5	.061	9.4	.164	-2.9	-.051	6.5	.113				
9173	7.6	.133					-1.0	-.017					-1.3	-.023	3.6	.063	-1.6	-.028	3.1	.054				
9174	6.3	.110					2.9	.051					3.6	.063	-1	-.002	-3.6	-.063	4.9	.086				
9180	13.2	.230					-2.1	-.037					-2.0	-.035	.8	.014	-1.3	-.023	3.5	.061				
9181	7.8	.136					1.1	.019					1.0	.017	-.3	-.005	-5.6	-.098	9.2	.161				
9182	7.2	.126					6.0	.105					.1	.002	-1.7	-.030	-2.9	-.051	2.4	.042				
9183	8.5	.148			8.6	.150				1.4	.024		1.5	.026	12.2	.213	-3.1	-.054	5.4	.094				
9247	9.6	.168					1.4	.024					-2.6	-.045	-1.9	-.033	.2	.003	1.0	.017				
9248	9.9	.173			10.3	.180				-1.2	-.021		3.7	.065	-0.2	-.108	-3.5	-.061	6.3	.110				
9250	7.3	.127					.5	.009					0.0	0.000	.7	.012	-2.7	-.047	4.4	.077				
9252	8.1	.141					1.0	.017					5.9	.103	3.1	.054	3.2	.056	1.0	.017				
9253	8.3	.145					-1.9	-.033					5.1	.089	4.0	.070	-3.4	-.059	4.6	.080				
9254	7.1	.124					1.2	.021					0.0	0.000	18.9	.330	-3.6	-.063	7.1	.124				
9255	7.6	.133					-2.5	-.044					0.0	0.000	-4.1	-.072	-5.1	-.089	8.1	.141				
9257	7.3	.127					-3.6	-.063					0.0	0.000	6.0	.105	-1.7	-.030	5.8	.101				
9258	7.8	.136					.6	.010					2.2	.038	4.3	.075	-3.2	-.056	5.5	.096				
9260	6.5	.113					0.0	0.000					0.0	0.000	-3.0	-.052	-2.7	-.047	5.9	.103				
9261	7.5	.131					-3.8	-.066					2.0	.035	1.3	.023	-1.6	-.028	1.0	.017				
9262	7.8	.136					-4.5	-.079					0.0	0.000	4.9	.086	-3.4	-.059	4.8	.084				
9263	7.2	.126					.1	.002					2.3	.040	-6	-.010	-2.0	-.035	2.2	.038				
9264	6.1	.106					0.0	0.000					3.8	.066	-4.7	.082	-2.8	-.049	5.6	.098				
9266	7.3	.127					-4	-.007					3.3	.058	-1.2	-.021	-3.7	-.065	4.8	.084				
9267	8.7	.152			9.2	.161				1.3	.023		1.8	.031	-13.2	.230	-5.9	-.103	10.1	.176				
9269	8.8	.154					0.0	0.000					0.0	0.000	-2.4	-.042	-3.3	-.058	5.8	.101				
9270	5.0	.087					-3.1	-.054					5.8	.101	6.2	.108	-2.3	-.040	3.9	.068				
9271	7.1	.124					.5	.009					.8	.014	-6	-.010	-3.3	-.058	5.4	.094				
9272	6.4	.112					-1.6	-.028					.3	.005	-3.4	-.059	-3.3	-.058	5.1	.089				
9273	7.9	.138					1.0	.017					0.0	0.000	4.2	.073	-1.5	-.026	4.7	.082				
9274	6.9	.120					-1.3	-.023					2.1	.037	14.7	.257	-2.6	-.045	4.6	.080				
9275	6.6	.115					-7.7	.134					1.2	.021	-6.5	-.113	-6.8	-.119	11.7	.204				
9276	10.7	.187					-1.4	-.024					0.0	0.000	-8	-.014	-3.9	-.068	5.6	.098				
9278	8.1	.141					1.2	.021					2.7	.047	.2	.003	-2.0	-.035	4.3	.075				
9279	7.1	.124					-2.2	-.038					-2	-.003	7.9	.138	-2.7	-.047	5.5	.096				
9280	9.0	.157					0.0	0.000					0.0	0.000	-2.6	-.045	-3.8	-.066	4.3	.075				
9281	6.9	.120					-1.5	-.026					0.0	0.000	2.8	.049	-2.6	-.045	6.2	.108				
9282	5.7	.099											0.0	0.000	2.8	.049	-2.6	-.045	6.2	.108				

## NIGHT LANDINGS

USS ENTERPRISE (CVN-65)

LANDING DATA - MODEL F-14

LNDG	PITCH ANGLE			ROLL ANGLE			PITCH RATE			ROLL RATE			F. P. A.			YAW					
	NO	TD	OR	TD	OR	FF	TD	OR	FF	AT	TD	DEG	RAD	AT	TD	DEG	RAD	AT	TD	DEG	RAD
	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
9283	7.0	.122					-3.4	-.059						0.0	0.000	6.4	.112	-2.7	-.047	5.1	.089
9284	7.9	.138					-4.4	-.077						5.1	.089	8.9	.155	-5.3	-.092	7.9	.138
9285	6.7	.117				6.7	.117		.035			1.6	.028	3.0	.052	-2.3	-.040	-1.4	-.024	3.5	.061
9286	6.6	.115					1.5	.026						.2	.003	17.8	.311	-1	-.002	.6	.010
9287	9.4	.164					2.7	.047						.6	.010	-7.1	-.124	-3.9	-.068	7.6	.133
9292	7.0	.122					4.5	.079						0.0	0.000	2.0	.035	-1.5	-.026	1.9	.033
9337	7.1	.124					.5	.009						2.6	.045	4.4	.077	-3.7	-.065	9.6	.168
9342	7.5	.131					-2.5	-.044						0.0	0.000	-3.8	-.066	-3.4	-.059	7.0	.122
9343	8.4	.147					-1.1	-.019						-2.0	-.035	-3.7	-.065	-3.6	-.063	9.0	.157
9349	4.8	.084					-3.6	-.063						1.2	.021	10.4	.181	-2.4	-.042	5.0	.087
9351	5.7	.099					-1.7	-.030						0.0	0.000	4.3	.075	-5.3	-.092	9.5	.166
9352	7.8	.136					-6	-.010						0.0	0.000	.7	.012	-3.7	-.065	5.4	.094
9353	3.8	.066					-6.4	-.112						1.2	.021	3.1	.054	-2.9	-.051	5.4	.094
9354	9.4	.164					1.0	.017						.3	.005	3.4	.059	-2.5	-.044	5.4	.094
9355	8.2	.143					3.5	.061						3.2	.056	-5.1	-.089	-4.1	-.072	8.1	.141
9356	7.9	.138					.6	.010						.6	.010	5.6	.098	-1.8	-.031	2.7	.047
9359	8.1	.141					-3.3	-.058						0.0	0.000	4.4	.077	-2.1	-.037	4.4	.077
9360	7.4	.129					-7	-.012						0.0	0.000	-9	-.016	-3.7	-.065	8.0	.140
9362	6.6	.115					-4.0	-.070						1.9	.033	14.4	.251	-8.7	-.152	10.5	.183
9364	7.1	.124					-2.9	-.051						0.0	0.000	6.4	.112	-5.1	-.089	10.5	.183
9365	7.7	.134					.4	.007						1.8	.031	9.3	.162	-1.2	-.021	6.2	.108
9367	8.2	.143					-5	-.009						4.3	.075	-7.4	-.129	-5.9	-.103	11.1	.194
9368	9.7	.169					1.8	.031						6.0	.105	5.2	.091	-1.9	-.033	4.7	.082
9369	5.6	.098					-3	-.005						5.2	.091	.1	.002	-3.7	-.065	7.5	.131
9370	8.5	.148					8.7	.152			.2	.003		0.0	0.000	-1.6	-.028	-1.9	-.033	5.1	.089
9371	8.8	.154												-1.0	-.017	-1.0	-.017	-5.3	-.092	8.6	.150
9372	5.2	.091					3.8	.066						0.0	0.000	-14.6	-.255	-2.5	-.044	3.0	.052
9373	7.9	.138					-2.1	-.037						0.0	0.000	2.5	.044	-6.0	-.105	9.8	.171
9375	7.8	.136					.1	.002						0.0	0.000	10.0	.175	-2.1	-.037	6.5	.113
9376	7.6	.133					.9	.016						0.0	0.000	10.9	.190	-2.2	-.038	4.2	.073
9377	7.0	.122					-9	-.016						0.0	0.000	4.6	.080	-2.4	-.042	2.9	.051
9378	6.9	.120					7.6	.133						2.8	.049	19.9	.347	-6.5	-.113	10.9	.190
9379	7.1	.124					-3	-.005						8.3	.145	-4.8	-.084	1.6	-.028	-7	.012
9380	7.1	.124					1.7	.030						1.8	.031	.5	.009	-2.8	-.049	6.7	.117
9381	7.6	.133					-4	-.007						2.0	.035	-2	-.003	-3.5	-.061	6.8	.119
9382	8.1	.141					-9	-.016						5.2	.091	-1.9	-.033	-4.7	-.082	8.0	.140
9383	6.6	.115					6.8	.119			-1.0	-.017		0.0	0.000	-3.4	-.059	-4.3	-.075	5.0	.087
9384	9.1	.159					-4.8	-.084						0.0	0.000	-6	-.010	-1.6	-.028	4.6	.080
9422	7.6	.133					1.4	.024						0.0	0.000	1.1	.019	-1.8	-.031	6.2	.108
9426	8.1	.141					-3	-.005						0.0	0.000	.9	.016	-3.5	-.061	8.2	.143

LANDING DATA - MODEL F-14										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS														
LNDG NO	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW								
	TD		OR		FF	TD		OR		FF	AT TD		DEG		RAD		AT TD		DEG		RAD		AT TD		DEG		RAD		AT TD		DEG		RAD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61														
9429	6.2	.108					2.4	.042					0.0	0.000	11.5	.201	-2.6	-.045	5.4	.094														
9433	6.5	.113					-1.2	-.021					0.0	0.000	-14.2	-.248	-3.2	-.056	8.9	.155														
9437	7.3	.127					5.3	.092					-2	-.003	-2.0	-.035	-6.1	-.106	10.2	.178														
9438	6.9	.120					.9	.016					1.9	.033	-9.7	-.169	-4.8	-.084	11.0	.192														
9439	8.3	.145					3.0	.052					0.0	0.000	-13.6	-.237	-5.2	-.091	10.8	.188														
9441	8.2	.143					.1	.002					1.0	.017	-4.5	-.079	-9.0	-.157	13.7	.239														
9449	7.5	.131					1.6	.028					0.0	0.000	-1.6	-.028	-6.1	-.106	12.5	.218														
9455	7.0	.122					5.7	.099					0.0	0.000	-.8	-.014	-5.3	-.092	10.4	.181														
9497	8.8	.154					1.1	.019					0.0	0.000	6.7	.117	-3.5	-.061	7.8	.136														
9504	5.4	.094					-2.1	-.037					0.0	0.000	3.6	.063	-2.6	-.045	2.8	.049														
9539	5.9	.103					-1.0	-.017					0.0	0.000	2.4	.042	-3.0	-.052	6.1	.106														
9545	5.3	.092					-5.2	-.091					2.4	.042	9.8	.171	-1.6	-.028	2.7	.047														
9555	7.0	.122					-3	-.005					2.8	.049	-5.4	-.094	-4.2	-.073	3.9	.068														
9564	6.9	.120					-1.5	-.026					.1	.002	-11.6	-.202	-5.2	-.091	6.8	.119														
9593	7.3	.127					-3.2	-.056					3.8	.066	4.0	.070	-8.6	-.150	11.5	.201														

LANDING DATA - MODEL F-14										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
LNDRG NO.	OFF-CENTER		RAMP TO TD		WIRE NO.	SIDE NO.	LNDRG TYPE	FLAP CODE	SHIP SPEED	DECK PITCH				DECK ROLL		TEMP	BAROMETRIC PRESSURE			ARR GEAR		REREAD NUMBER							
	FT	M	FT	M						KN	M/S	DEG	RAD	DEG	RAD		F	C	IN HG	MM HG	IN		CM						
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
9164	-6	-2	209	64		440	70100		4	2	-3	-005	.6	.010	63	17	29.91	759.7	0	0.0	0								
9165	-11	-3	255	78		450	70120		4	2	-1	-002	.3	.008	63	17	29.91	759.7	0	0.0	0								
9168	9	3	307	94		445	70200		4	2	-4	-007	-1.6	-.028	63	17	29.91	759.7	0	0.0	0								
9169	-4	-1	289	88	4	440	80120		4	2	-3	-005	0.0	0.000	63	17	29.91	759.7	171	434.3	0								
9170	-13	-4	237	72	2	450	50200		4	2	-5	-009	-6	-.010	63	17	29.91	759.7	171	434.3	0								
9173	-11	-3	231	70	2	447	50120		4	2	-2	-003	-2.9	-.003	63	17	29.91	759.7	170	431.8	0								
9174	-4	-1	247	75	3	445	50200		4	2	-3	-005	-2.9	-.051	63	17	29.91	759.7	171	434.3	0								
9180	-16	-5	183	56	1	447	50120		4	2	-6	-010	-1.3	-.023	63	17	29.91	759.7	170	431.8	1								
9181	-12	-4	227	69	2	440	50200		4	2	-2	-003	.4	.007	63	17	29.91	759.7	170	431.8	0								
9182	6	2	274	84	4	445	50200		4	2	-2	-003	1.1	.019	63	17	29.91	759.7	169	429.3	0								
9183	-12	-4	243	74	2	450	80200		4	2	0.0	0.000	-9	-.016	63	17	29.91	759.7	170	431.8	0								
9247	-17	-5	192	59	1	441	50200		3	2	-2	-003	1.1	.019	63	17	29.95	760.7	171	434.3	2								
9248	-15	-5	210	64	1	442	80120		3	2	-8	-014	-1	-.002	63	17	29.95	760.7	171	434.3	0								
9250	-9	-3	310	94		440	70120		3	2	-2	-003	-9	-.016	63	17	29.95	760.7	0	0.0	0								
9252	-23	-7	173	53		446	70200		3	2	-6	-010	-2.3	-.040	63	17	29.95	760.7	0	0.0	0								
9253	-14	-4	222	68	2	441	50100		3	2	-1	-002	.3	.003	63	17	29.95	760.7	170	431.8	0								
9254	-9	-3	286	87	4	442	50120		3	2	-6	-010	-1.2	-.021	63	17	29.95	760.7	169	429.3	0								
9255	-17	-5	315	96		450	70100		3	2	-8	-014	-2.7	-.047	63	17	29.95	760.7	0	0.0	0								
9257	-14	-4	282	86		445	60100		3	2	-2	-003	-3.8	-.066	63	17	29.95	760.7	0	0.0	0								
9258	-11	-3	232	71	2	446	50100		3	2	-3	-005	-6	-.010	63	17	29.95	760.7	171	434.3	0								
9260	-11	-3	310	94		447	70120		3	2	0.0	0.000	-1.1	-.002	63	17	29.95	760.7	171	434.3	0								
9261	-9	-3	288	82	3	450	50100		3	2	-5	-009	-1.7	-.030	63	17	29.95	760.7	0	0.0	0								
9262	-10	-3	275	84		445	60100		3	2	-4	-007	-8	-.014	63	17	29.95	760.7	0	0.0	0								
9263	-13	-4	212	65		440	60120		3	2	-4	-007	-7	-.012	63	17	29.95	760.7	170	431.8	1								
9264	-17	-5	221	67	2	447	50120		3	2	-2	-003	.3	.005	63	17	29.95	760.7	170	431.8	0								
9266	-12	-4	250	76	3	440	50120		4	2	-2	-003	-3	-.005	63	17	29.95	760.7	170	431.8	0								
9267	-16	-5	254	77	2	441	80120		4	2	-7	-012	-1.3	-.023	63	17	29.95	760.7	170	431.8	1								
9269	-22	-7	202	62	2	442	50100		4	2	-4	-007	-6	-.010	63	17	29.95	760.7	171	434.3	1								
9270	-9	-3	338	103		447	60120		4	2	-2	-003	-1.1	-.019	63	17	29.95	760.7	0	0.0	0								
9271	-13	-4	263	80	3	445	50100		4	2	0.0	0.000	-1.7	-.030	63	17	29.95	760.7	169	429.3	0								
9272	-9	-3	285	87	4	441	50120		4	2	-3	-005	-1.9	-.033	63	17	29.95	760.7	168	426.7	0								
9273	-22	-7	217	66	2	447	50120		4	2	-4	-007	-1.6	-.028	63	17	29.95	760.7	170	431.8	1								
9274	-14	-4	296	90	4	450	50200		4	2	-4	-007	-9	-.016	63	17	29.95	760.7	170	431.8	0								
9275	-11	-3	233	71	2	441	50120		4	2	-3	-005	-2.4	-.042	63	17	29.95	760.7	170	431.8	0								
9276	-24	-7	127	39	4	442	50100		4	2	-7	-012	-2.5	-.044	63	17	29.95	760.7	169	429.3	1								
9278	-11	-3	303	92	4	450	50120		4	2	-3	-005	-3.2	-.056	63	17	29.95	760.7	170	431.8	0								
9279	-15	-5	205	62	2	441	50120		4	2	-5	-009	-1	-.002	63	17	29.95	760.7	170	431.8	0								
9280	-18	-5	183	56	1	446	50100		4	2	-4	-007	-2	-.003	63	17	29.95	760.7	170	431.8	1								
9281	-9	-3	284	87		445	60120		4	2	-2	-003	-7.8	-.136	63	17	29.95	760.7	0	0.0	0								
9282	-13	-4	328	100		440	60120		4	2	-7	-012	-4	-.007	63	17	29.95	760.7	0	0.0	0								

## NIGHT LANDINGS

## USC ENTERPRISE (CVN-65)

## LANDING DATA - MODEL F-14

LNDG NO.	OFF-CENTER		RAMP TO TD		WIRE SIDE		LNDG NO.	TYPE	FLAP CODE	SHIP SPEED	DECK PITCH		DECK ROLL		TEMP	BAROMETRIC PRESSURE			ARR GEAR RUNOUTS	REREAD NUMBER	
	FT	M	FT	M	NO.	NO.					KN	M/S	DEG	RAD		DEG	RAD	F			C
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	
9283	-14	-4	30	92	4	450	50100	4	2	-2	-003	-1.4	-024	63	17	29.95	760.7	169	429.3	0	0
9284	-17	-5	252	77	4	445	50100	4	2	-5	-009	-6	-010	63	17	29.95	760.7	169	429.3	1	1
9285	-9	-3	244	74	2	447	80200	4	2	-2	-003	-1.4	-024	63	17	29.95	760.7	171	434.3	0	0
9286	-13	-4	246	75	3	440	50120	4	2	-4	-007	-1.9	-033	63	17	29.95	760.7	170	431.8	0	0
9287	-9	-3	217	66	2	446	50100	4	2	0	0.000	-1	-002	63	17	29.95	760.7	168	426.7	0	0
9292	-14	-4	294	90	4	442	50200	4	2	-5	-009	0.0	0.000	63	17	29.95	760.7	170	431.8	0	0
9337	-8	-2	281	86	4	111	50120	3	2	-4	-007	1.9	0.033	68	20	29.89	759.2	170	431.8	0	0
9342	-13	-4	260	79	3	456	50100	3	2	-1	-002	-1	-002	68	20	29.89	759.2	172	436.9	0	0
9343	-20	-6	213	65	2	446	50120	3	2	-5	-009	0.0	0.000	68	20	29.89	759.2	170	431.8	1	1
9349	-12	-4	287	87	3	111	70100	3	2	-2	-003	5	0.009	68	20	29.89	759.2	0	0.0	0	0
9351	-15	-5	295	90	4	447	70120	3	2	-3	-005	3	0.005	63	20	29.89	759.2	0	0.0	0	0
9352	-13	-3	298	91	4	442	60120	3	2	-6	-010	2	0.003	68	20	29.89	759.2	170	431.8	0	0
9353	-13	-4	240	73	2	111	70100	3	2	-3	-005	-2	-003	68	20	29.89	759.2	0	0.0	0	0
9354	-14	-4	197	60	2	426	60200	3	2	-2	-003	2	0.003	68	20	29.89	759.2	171	434.3	1	1
9355	-11	-3	265	81	3	446	60200	3	2	-2	-003	6	0.010	68	20	29.89	759.2	168	426.7	0	0
9356	-12	-4	189	58	2	430	60200	3	2	-5	-009	1	-002	68	20	29.89	759.2	171	434.3	0	0
9359	-17	-5	222	68	4	442	70100	4	2	-4	-007	-1.3	-023	68	20	29.89	759.2	0	0.0	0	0
9360	-12	-4	303	92	4	426	50120	4	2	-3	-005	-8	-014	68	20	29.89	759.2	170	431.8	0	0
9362	-18	-5	203	62	2	442	50100	4	2	-3	-005	-4	-007	68	20	29.89	759.2	171	434.3	1	1
9364	-14	-4	282	86	4	440	50120	4	2	-1	-002	-6	-010	68	20	29.89	759.2	171	434.3	0	0
9365	-14	-4	254	77	3	430	50120	4	2	-3	-005	1.2	0.021	68	20	29.89	759.2	171	434.3	1	1
9367	-13	-4	260	79	3	443	50120	4	2	-2	-003	1.1	0.019	68	20	29.89	759.2	171	434.3	0	0
9368	-18	-5	225	69	2	440	50120	4	2	-6	-010	-6	-010	68	20	29.89	759.2	171	434.3	1	1
9369	-14	-4	242	74	3	426	50120	4	2	-4	-007	-9	-016	68	20	29.89	759.2	171	434.3	0	0
9370	-12	-4	267	81	3	447	50120	4	2	-4	-007	6	0.010	68	20	29.89	759.2	171	434.3	0	0
9371	-12	-4	254	77	2	442	80120	4	2	-2	-003	1	-002	68	20	29.89	756.9	170	431.8	0	0
9372	-2	-1	296	90	4	426	70200	4	2	-3	-005	-1	-002	68	20	29.89	756.9	0	0.0	0	0
9373	-15	-5	256	78	3	447	50100	4	2	-5	-009	3	0.005	68	20	29.89	756.9	170	431.8	1	1
9375	-15	-5	274	84	4	18	50100	4	2	-5	-009	2.1	0.037	68	20	29.89	756.9	169	429.3	0	0
9376	-7	-2	311	95	4	430	50120	4	2	-1	-002	4	0.007	68	20	29.89	756.9	169	429.3	0	0
9377	-8	-2	271	83	3	447	50100	4	2	-4	-007	1.7	0.030	68	20	29.89	756.9	170	431.8	0	0
9378	-10	-3	265	81	3	440	50200	4	2	-2	-003	1.4	0.024	68	20	29.89	756.9	171	434.3	0	0
9379	-20	-6	203	62	2	442	50120	4	2	-1	-002	0.0	0.000	68	20	29.89	756.9	170	431.8	1	1
9380	-15	-5	248	76	4	443	60120	4	2	-2	-003	2.1	0.037	68	20	29.89	759.2	0	0.0	0	0
9381	-11	-3	270	82	3	443	50120	4	2	-2	-003	1.1	0.002	68	20	29.89	759.2	171	434.3	0	0
9382	-15	-5	229	70	2	447	50100	4	2	-3	-005	1.4	0.024	68	20	29.89	759.2	172	436.9	1	1
9383	-14	-4	324	99	4	442	80120	4	2	-3	-005	1.2	0.021	68	20	29.89	759.2	169	429.3	0	0
9384	-27	-8	198	60	4	447	70100	4	2	-7	-012	-9	0.016	68	20	29.89	759.2	0	0.0	1	1
9422	-11	-3	245	75	4	450	70200	4	2	-4	-007	-4	-007	71	22	29.90	759.5	0	0.0	1	1
9426	-10	-3	305	93	4	450	50120	4	2	-4	-007	8	0.014	71	22	29.90	759.5	170	431.8	0	0



LANDING DATA - MODEL F-14										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
LNDG		OFF-CENTER		RAMP TO TD		WIRE SIDE		LNDG		FLAP		SHIP		DECK PITCH		DECK ROLL		TEN"		BAROMETRIC		ARR GEAR		REREAD					
NO.		DISTANCE		DISTANCE		NO.		NO.		TYPE		CODE		SPEED		RAD		DEG		F		C		IN		CM			
FT		M		FT		M						KN		M/S		DEG		RAD		DEG		RAD		MM HG		MM HG			
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
9429	-13	-4	320	98		200	70200		7	4	-4	-007	.9	.016	71	22	29.90	759.5		0	0.0		0	0.0		0			
9433	-17	-5	283	86	4	201	50100		7	4	-6	-010	-.2	-.003	71	22	29.90	759.5		170	431.3		1	1		1			
9437	-10	-3	265	81	3	447	50200		7	4	-6	-010	1.5	.026	71	22	29.90	759.5		171	434.3		0	0		0			
9438	-13	-4	263	80	3	201	50120		7	4	-4	-007	-.6	-.010	71	22	29.90	759.5		171	434.3		0	0		0			
9439	-15	-5	305	93	4	450	50200		7	4	-5	-009	.4	.007	71	22	29.90	759.5		170	431.8		0	0		0			
9441	-10	-3	239	73	2	200	50120		7	4	-3	-005	-2.8	-.049	71	22	29.90	759.5		170	431.8		1	1		1			
9449	-12	-4	305	94	93	201	70200		7	4	-6	-010	.1	.002	71	22	29.90	759.5		0	0.0		0	0.0		0			
9455	-11	-3	308	94		201	70200		7	4	-4	-007	1.9	.033	71	22	29.90	759.5		0	0.0		0	0.0		0			
9497	-12	-4	330	101		450	70120		4	2	-6	-010	-.2	-.003	71	22	29.92	760.0		0	0.0		0	0.0		0			
9504	-11	-3	297	91		4	50	50100	4	2	-4	-007	.9	.016	71	22	29.92	760.0		170	431.8		1	1		1			
9539	-18	-5	279	85		3	450	50100	4	2	-5	-009	-.1	-.002	71	22	29.92	760.0		171	434.3		1	1		1			
9545	-11	-3	214	65		2	447	50100	4	2	-1	-002	-.6	-.010	71	22	29.92	760.0		172	436.9		0	0		0			
9555	-9	-3	232	71		2	447	50100	5	3	-6	-010	-1.2	-.021	71	22	29.93	760.2		171	434.3		0	0		0			
9564	-14	-4	225	69		2	447	50100	5	3	-3	-005	-1.1	-.019	71	22	29.93	760.2		171	434.3		0	0		0			
9593	-14	-4	208	63		447	60100		5	3	-2	-003	.5	.009	71	22	29.93	760.2		0	0.0		0	0.0		0			

F-14 CODES 43 THROUGH 45  
 LANDING # 615.0 NOT FOUND  
 LANDING NUMBER 646 TWO CODES  
 LANDING # 656.0 NOT FOUND  
 LANDING # 657.0 NOT FOUND  
 LANDING # 670.0 NOT FOUND  
 LANDING # 722.1 NOT FOUND  
 LANDING # 723.1 NOT FOUND  
 LANDING # 727.1 NOT FOUND  
 LANDING # 733.0 NOT FOUND  
 LANDING # 735.1 NOT FOUND  
 LANDING NUMBER 1108 TWO CODES  
 LANDING NUMBER 1109 TWO CODES

**F-18 DAY**



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LANDING DATA - MODEL F-18A										USS ENTERPRISE (CVN-60)					DAY LANDINGS				GS			
LNDC NO.	VPAF TD	VE-FILM		WIND-VEL		PAR.	PERP.		VEOR	VPAMIN		VSP-A		KVPA	KV	MIN	SP' A	TD	LIFT	LIFT	WEIGHT LBS	WEIGHT KG
		KN	M/S	KN	M/S		KN	M/S		KN	M/S	KN	M/S									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
1448	151	78	121	62	30	15	0	0	112	58	136	70			1.11		.90		31354	14222		
1450	156	80	126	65	30	15	0	0	126	65	135	69			1.16		.90		30854	13995		
1452	147	76	117	60	30	15	0	0	122	63	135	69			1.09		1.10		31254	14177		
1453	151	78	121	62	30	15	0	0	120	62	135	69			1.12		1.10		31054	14086		
1454	144	74	114	59	30	15	0	0	118	61	134	69			1.08		1.00		30454	13814		
1455	142	73	112	58	30	15	0	0	106	55	131	67			1.08		1.10		29454	13360		
1456	160	82	130	67	30	15	0	0	114	59	134	69			1.19		1.00		30554	13859		
1457	148	76	118	61	30	15	0	0	119	61	134	69			1.10		1.00		30754	13950		
1459	140	72	110	57	30	15	0	0	115	59	133	68			1.06		1.10		30054	13632		
1460	141	73	111	57	30	15	0	0	114	59	133	68			1.07		1.00		29954	13587		
1461	159	82	129	66	30	15	0	0	122	63	137	70			1.16		1.20		32054	14540		
1462	145	75	115	59	30	15	0	0	113	58	133	68			1.09		1.00		30054	13632		
1463	138	71	108	56	30	15	0	0	110	57	131	67			1.05		1.10		29354	13315		
1464	144	74	114	59	30	15	0	0	108	56	137	70			1.05		1.00		31854	14449		
1466	145	75	115	59	30	15	0	0	117	60	135	69			1.07		1.00		31054	14086		
1467	145	75	115	59	30	15	0	0	116	60	130	67			1.11		1.00		28854	13088		
1468	147	76	117	60	30	15	0	0	122	63	131	67			1.12		1.10		29154	13224		
1469	147	76	117	60	30	15	0	0	127	65	129	66			1.13		1.10		28554	12952		
1470	146	75	116	60	30	15	0	0	117	60	135	69			1.09		1.10		30854	13995		
1472	139	72	109	56	30	15	0	0	100	51							1.00					
1473	147	76	117	60	30	15	0	0	122	63	136	70			1.08		1.30		31754	14404		
1474	144	74	114	59	30	15	0	0	109	56	129	66			1.12		1.00		28454	12907		
1475	152	78	122	63	30	15	0	0	125	64	135	69			1.13		1.10		30854	13995		
1477	153	79	123	63	30	15	0	0	118	61	135	69			1.13		1.30		30854	13995		
1478	145	75	115	59	30	15	0	0	119	61	129	66			1.12		1.00		28554	12952		
1482	154	79	124	64	30	15	3	2	119	61	137	70			1.12		1.10		32154	14585		
1483	148	76	118	61	30	15	3	2	120	62	137	70			1.08		1.10		31854	14449		
1484	145	75	114	59	31	16	3	2	124	64	136	70			1.06		1.00	1.00	31554	14313		
1485	147	76	116	60	31	16	3	2	125	64	135	69			1.09		1.10		31054	14086		
1486	151	78	120	62	31	16	3	2	122	63	138	71			1.09		.90		32554	14766		
1487	138	71	107	55	31	16	3	2	119	61	138	71			1.00		1.00		32454	14721		
1488	149	77	118	61	31	16	3	2	120	62	136	70			1.09		1.10		31754	14404		
1489	151	78	120	62	31	16	3	2	114	59	137	70			1.10		1.10		32154	14585		
1490	150	77	119	61	31	16	3	2	127	65	134	69			1.12		1.20		30554	13859		
1491	156	80	125	64	31	16	3	2	115	59	136	70			1.14		1.20		31454	14268		
1492	154	79	123	63	31	16	3	2	114	59	137	70			1.12		1.10		31954	14494		
1493	143	74	112	58	31	16	3	2	120	62	135	69			1.06		1.00		30954	14041		
1494	144	74	113	58	31	16	3	2	109	56	133	68			1.09		1.10		29954	13587		
1495	148	76	117	60	31	16	3	2	107	55	134	69			1.11		1.10		30454	13814		
1496	137	70	107	55	30	15	3	2	105	54	131	67			1.04		1.00		29454	13360		

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LANDING DATA - MODEL F-104										USC ENTERPRISE (CV-60-1)					UNIT COMMAND					US
LNDG NO.	VPAF TD	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT TD	LIFT FF	WEIGHT						
		KN	M/S	KN	M/S		KN	M/S						KN	M/S	LBS	KG			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1497	149	77	120	62	29	15	3	2	119	61	133	68			1.12		1.10		29954	13587
1498	138	71	109	56	29	15	3	2	107	55	130	67			1.06		1.00		28954	13134
1499	144	74	115	59	29	15	3	2	116	60	131	67			1.09		1.00		29454	13360
1500	150	77	121	62	29	15	3	2	116	60	136	70			1.10		1.10		31554	14313
1501	147	76	122	63	25	13	2	1	120	62	135	69			1.09		1.00		31254	14177
1502	143	74	116	60	27	14	2	1	117	60	135	69			1.05		1.00		31254	14177
1503	143	74	116	60	27	14	2	1	127	65	135	69			1.07		1.00		30854	13995
1504	153	79	126	65	27	14	2	1	134	69	136	70			1.12		1.10		31654	14358
1505	148	76	121	62	27	14	2	1	108	56	136	70			1.09		1.00		31354	14222
1507	139	72	112	58	27	14	2	1			130	67			1.07		1.10	1.10	28854	13088
1508	140	72	113	58	27	14	2	1	123	63	135	69			1.04		1.00		30954	14041
1512	147	76	121	62	26	13	2	1	119	61	132	68			1.11		1.00		29754	13496
1514	144	74	118	61	26	13	2	1	114	59	130	67			1.11		1.10		28854	13088
1515	151	78	125	64	26	13	2	1	127	65	137	70			1.10		1.10		32154	14585
1516	146	75	120	62	26	13	2	1	120	62	136	70			1.08		1.00		31454	14268
1518	154	79	127	65	27	14	2	1	126	65	131	67			1.17		1.10		29254	13270
1519	145	75	120	62	25	13	2	1	120	62	130	67			1.11		1.10		28954	13134
1521	159	82	134	69	25	13	2	1	123	63	133	68			1.19		1.10		30154	13678
1522	136	71	114	59	24	12	2	1	111	57	130	67			1.06		1.10		28754	13043
1523	141	73	117	60	24	12	2	1	122	63	136	70			1.04		1.10		31454	14268
1526	146	75	123	63	23	12	2	1	115	59	136	70			1.07		1.10	1.00	31554	14313
1528	143	74	121	62	22	11	2	1	119	61	135	69			1.06		1.00	1.10	30954	14041
1529	153	79	131	67	22	11	2	1	122	63	135	69			1.14		1.10		30954	14041
1531	136	70	114	59	22	11	2	1	108	56	131	67			1.03		1.20		29454	13360
1532	147	76	125	64	22	11	2	1	135	69	137	70			1.07		1.10		31954	14494
1533	142	73	120	62	22	11	2	1	123	63	137	70			1.04		1.10		31954	14494
1534	143	74	121	62	22	11	2	1	113	58	137	70			1.04		1.10		32154	14585
1535	151	78	128	66	23	12	2	1	124	64	134	69			1.13		1.10		30454	13814
1536	146	75	123	63	23	12	2	1	125	64	136	70			1.07		1.00		31654	14358
1537	143	74	120	62	23	12	2	1	126	65	135	69			1.06		1.10		30854	13995
1539	146	75	123	63	23	12	2	1	131	67	135	69			1.08		1.10		31254	14177
1540	146	75	121	62	25	13	2	1	120	62	132	68			1.10		1.10		29854	13542
1541	143	74	118	61	25	13	2	1	113	58	135	69			1.06		1.10		30954	14041
1542	140	72	115	59	25	13	2	1	116	60	135	69			1.04		1.10		31154	14131
1543	145	75	120	62	25	13	2	1	112	58	133	68			1.09		1.00	1.00	29954	13587
1544	148	76	123	63	25	13	2	1	117	60	135	69			1.10		1.10		30954	14041
1545	143	74	118	61	25	13	2	1	116	60	131	67			1.09		1.10	1.10	29354	13315
1546	146	75	121	62	25	13	2	1	117	60	134	69			1.09		1.00		30454	13814
1824	149	77	121	62	28	14	2	1	119	61	136	70			1.09		1.20		31754	14404
1825	150	77	125	64	25	13	2	1	127	65	138	71			1.09		1.00		32254	14630

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LANDING DATA -- MODEL F-18A										USS ENTERPRISE (CVN-60)						DAY LANDINGS				GS	
LNDG	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP-A		KVPA	KV	LIFT	LIFT	LBS	KG					
		KN	M/S	KN	M/S		KN	M/S	KN	M/S							MIN	SP-A	TD	FF	
NO.	TO	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1826	146	75	121	62	25	13	2	1	126	65	135	69			1.08		1.10		30954	14041	
1827	147	76	122	63	25	13	2	1	121	62					1.07		1.00		30954	14041	
1828	145	75	118	61	27	14	2	1	115	59	135	69			1.08		1.00		31154	14131	
1829	146	75	118	61	28	14	2	1	126	65	135	69			1.12		1.10		30954	14041	
1830	152	78	124	64	28	14	2	1	121	62	135	69			1.13		1.20		31754	14404	
1831	155	80	127	65	28	14	2	1	146	75	136	70			1.08		1.00		31654	14358	
1832	147	76	120	62	27	14	2	1	116	60	136	70			1.06		.90		30854	13995	
1833	143	74	118	61	25	13	2	1	123	63	135	69			1.12		1.10		30954	14041	
1834	151	78	125	64	26	13	2	1	114	59	135	69			1.09		1.00		30954	14041	
1836	147	76	121	62	26	13	2	1	111	57	135	69			1.10		1.10		29254	13270	
1837	145	75	119	61	26	13	2	1	119	61	131	67			1.10		1.00		30054	13632	
1838	141	73	114	59	27	14	2	1	105	54	133	68			1.11		1.00		30454	13814	
1839	148	76	121	62	27	14	2	1	122	63	134	69			1.08		1.10		30554	13859	
1840	145	75	118	61	27	14	2	1	112	58	134	69			1.07		1.00		30754	13950	
1842	144	74	117	60	27	14	2	1	121	62	134	69			1.06		1.10		30854	13995	
1843	142	73	115	59	27	14	2	1	110	57	135	69			1.09		1.20		32154	14585	
1844	149	77	122	63	27	14	2	1	126	65	137	70			1.04		.90		29954	13587	
1845	138	71	111	57	27	14	2	1	105	54	133	68			1.05		1.00		28454	12907	
1846	136	70	108	56	28	14	2	1	100	51	129	66			1.12		1.00		29154	13224	
1847	146	75	118	61	28	14	2	1	123	63	131	67			1.09		1.00		28954	13134	
1853	142	73	115	59	27	14	2	1	108	56	130	67			1.10		1.00		29454	13360	
1854	145	75	116	60	29	15	3	2	110	57	131	67			1.09		1.00		29354	13315	
1855	142	73	113	58	29	15	3	2	114	59	131	67			1.11		1.00		28854	13088	
1857	141	73	112	58	29	15	3	2	117	60					1.06		.90		28454	12907	
1859	145	75	117	60	28	14	2	1	112	58	130	67			1.06		1.00		32554	14766	
1861	137	70	110	57	27	14	2	1	110	57	129	66			1.08		1.00		31654	14358	
2111	147	76	125	64	22	11	0	0	120	62	138	71			1.06		1.10		32554	14766	
2112	142	73	120	62	22	11	0	0	120	62					1.09		1.00		32554	14766	
2113	147	76	125	64	22	11	0	0	124	64	136	70			1.08		1.10		31654	14358	
2114	146	75	124	64	22	11	0	0	120	62	138	71			1.06		1.10		32554	14766	
2115	151	78	129	66	22	11	0	0	119	61	138	71			1.09		1.00		32554	14766	
2116			121	62					118	61					1.00		1.00		30954	14041	
2118	141	73	119	61	22	11	0	0	109	56	135	69			1.05		1.00		30954	14041	
2119	147	76	125	64	22	11	0	0	119	61	135	69			1.09		1.10		30954	14041	
2121	143	74	121	62	22	11	0	0	120	62	135	69			1.06		.90		31054	14086	
2122	143	74	121	62	22	11	0	0	119	61	137	70			1.05		1.00		32054	14540	
2123	144	74	122	63	22	11	0	0	115	59	136	70			1.05		1.10		31754	14404	
2124	149	77	126	65	23	12	0	0	138	71	136	70			1.09		1.10		31754	14404	
2125	150	77	127	65	23	12	0	0	118	61	138	71			1.08		1.20		32554	14766	
2126	144	74	121	62	23	12	0	0	133	68	135	69			1.07		1.00		30954	14041	

DEPARTMENT OF THE NAVY  
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Warminster, PA 18974-5000

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LANDING DATA - MODEL F-18A										USS ENTERPRISE (CVN-65)					DAY LANDINGS				CS		
LNDG	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT	LIFT	WEIGHT							
		KN	M/S	KN	M/S		KN	M/S							KN	M/S	TD	FF	LBS	KG	
NO.	TD	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
2127	138	71	115	59	23	12	0	0	121	62	134	69			1.03		1.00		30554	13859	
2128	144	74	121	62	23	12	0	0	115	59	135	69			1.06		1.10		31254	14177	
2129	148	76	125	64	23	12	0	0	117	60	135	69			1.09		1.00		31154	14131	
2130	149	77	126	65	23	12	0	0	125	64	137	70			1.09		1.00		31954	14494	
2131	146	75	123	63	23	12	0	0	121	62	136	70			1.07		1.10		31754	14404	
2133	145	75	122	63	23	12	0	0	122	63	131	67			1.11		1.10		29354	13315	
2134	148	76	125	64	23	12	0	0	137	70	132	68			1.12		1.10		29754	13496	
2135	149	77	126	65	23	12	0	0	118	61	135	69			1.10		1.10		31254	14177	
2136	142	73	119	61	23	12	0	0	121	62	133	68			1.07		1.10		30254	13723	
2137	149	77	126	65	23	12	0	0	121	62	136	70			1.10		1.20		31454	14268	
2139	146	75	123	63	23	12	0	0	120	62	132	68			1.11		1.20		29554	13406	
2140	146	75	123	63	23	12	0	0	124	64	136	70			1.07		1.00		31654	14358	
2142	141	73	118	61	23	12	0	0	111	57	134	69			1.06		1.00		30554	13859	
2143	146	75	123	63	23	12	0	0	134	69	137	70			1.06		1.20		32154	14585	
2144	140	72	117	60	23	12	0	0	120	62	136	70			1.03		.90		31654	14358	
2145	146	75	123	63	23	12	0	0	116	60	136	70			1.08		.90		31354	14222	
2146	148	76	125	64	23	12	0	0	119	61	139	72			1.06		1.00		32954	14948	
2147	140	72	117	60	23	12	0	0	109	56	134	69			1.05		.90		30454	13814	
2148	139	72	116	60	23	12	0	0	115	59	135	69			1.02		1.10		31254	14177	
2150	146	75	123	63	23	12	0	0			137	70			1.06		1.10		31954	14494	
2151	144	74	120	62	24	12	2	1	126	65	133	68			1.08		1.20		30354	13769	
2152	142	73	118	61	24	12	2	1	124	64	134	69			1.05		1.00	.90	30754	13950	
2153	151	78	127	65	24	12	2	1	121	62	138	71			1.09		1.20		32254	14630	
2154	141	73	117	60	24	12	2	1	121	62	137	70			1.03		1.20		31954	14494	
2155	141	73	117	60	24	12	2	1	116	60	133	68			1.06		.80		30354	13769	
2157	149	77	125	64	24	12	2	1	109	56	134	69			1.11		1.00		30554	13859	
2158	151	78	127	65	24	12	2	1	118	61	137	71			1.10		1.10		32354	14676	
2159	143	74	119	61	24	12	2	1	118	61	137	70			1.05		1.00		31954	14494	
2161	147	76	123	63	24	12	2	1	119	61	133	68			1.10		1.10		30154	13678	
2162	140	72	116	60	24	12	2	1	115	59	137	70			1.02		1.10		31954	14494	
2163	140	72	116	60	24	12	2	1	111	57	136	70			1.03		1.10		31454	14268	

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DAY LANDINGS

USS ENTERPRISE (CWN-65)

LANDING DATA - MODEL F-18A

LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1170	10.2	3.1	10.0	3.1	9.5	2.9	9.7	3.0			3.1	.055	2.7	.047	16.0	4.9	12.7	3.9
1171	12.5	3.8	13.6	4.2	14.4	4.4	14.0	4.3			3.1	.054	3.6	.063	16.2	4.9	12.8	3.9
1172	9.7	3.0	10.3	3.1	10.4	3.2	10.2	3.1	10.1	3.1	3.1	.054	2.8	.048	16.2	4.9	12.7	3.9
1179	9.8	3.0	12.2	3.7	13.1	4.0	12.6	3.8			3.3	.057	3.7	.064	18.6	5.7	15.3	4.6
1184	12.5	3.8	15.3	4.6	14.0	4.3	14.6	4.5	14.7	4.5	3.8	.066	4.2	.074	19.9	6.1	16.4	5.0
1193	11.9	3.6	12.9	3.9	12.8	3.9	12.8	3.9			3.0	.053	3.6	.062	19.6	6.0	16.1	4.9
1195	8.4	2.6	10.3	3.1	10.4	3.2	10.4	3.2			2.7	.047	2.4	.042	15.4	4.7	11.9	3.6
1200	10.9	3.3	11.2	3.4	10.0	3.1	10.7	3.3			2.3	.041	2.6	.046	16.3	5.0	13.1	4.0
1207	9.1	2.8	9.8	3.0	9.0	2.7	9.5	2.9			2.5	.044	2.5	.044	16.1	4.9	12.7	3.9
1210	7.9	2.4	11.1	3.4	11.2	3.4	11.1	3.4			3.2	.055	3.1	.055	15.1	4.6	11.5	3.5
1390	7.3	2.2	8.9	2.7	8.2	2.5	8.6	2.6			4.2	.073	4.2	.074	22.3	6.8	19.2	5.9
1397	13.1	4.0	15.4	4.7	16.0	4.9	15.7	4.8			3.2	.055	3.1	.055	15.4	4.7	12.5	3.8
1402	9.7	3.0	11.9	3.6	11.8	3.6	11.9	3.6			3.2	.055	2.5	.043	14.9	4.5	11.6	3.5
1403	10.2	3.1	11.2	3.4	10.9	3.3	10.9	3.3			2.7	.047	2.0	.034	12.7	3.9	9.2	2.8
1404	7.7	2.3	7.9	2.4	7.2	2.2	7.7	2.3			3.1	.055	2.7	.046	12.9	3.9	9.9	3.0
1406	9.3	2.8	11.5	3.5	10.8	3.3	10.9	3.3			3.1	.054	2.6	.046	13.3	4.1	10.0	3.1
1407	9.8	3.0	10.1	3.1	9.6	2.9	9.8	3.0			3.3	.058	2.9	.050	21.2	6.5	18.3	5.6
1408	11.6	3.5	10.2	3.1	11.1	3.4	10.6	3.2			3.3	.058	3.6	.062	17.6	5.4	14.6	4.4
1409	12.4	3.8	13.6	4.1	12.1	3.7	12.9	3.9			3.3	.054	2.5	.044	13.7	4.2	10.5	3.2
1411	6.0	1.8	10.3	3.1	10.4	3.2	10.4	3.2			3.1	.054	2.9	.050	19.0	5.8	15.5	4.7
1412	11.0	3.4	10.0	3.1	11.0	3.4	10.5	3.2			3.0	.053	2.9	.051	13.7	4.2	10.3	3.1
1418	5.9	1.8	12.5	3.8	10.4	3.2	11.5	3.5			3.0	.055	3.6	.062	17.5	5.3	14.8	4.5
1419	10.5	3.2	14.4	4.4	12.8	3.9	13.6	4.2			3.1	.055	2.7	.048	17.5	5.3	14.5	4.4
1420	9.6	2.9	8.9	2.7	12.6	3.8	10.7	3.3			2.8	.050	2.7	.048	13.4	4.1	10.3	3.1
1421	8.3	2.5	8.9	2.7	8.4	2.6	9.0	2.7			2.8	.048	2.3	.039	13.4	4.1	10.3	3.1
1422	11.2	3.4	11.6	3.5	10.9	3.3	11.7	3.6			2.7	.048	3.2	.056	16.0	4.9	12.9	3.9
1423	9.9	3.0	11.1	3.4	11.6	3.5	11.5	3.5			3.7	.065	3.0	.052	17.1	5.2	13.6	4.1
1424	8.9	2.7	10.4	3.2	9.6	2.9	10.1	3.1			2.7	.046	2.8	.049	14.1	4.3	10.8	3.3
1425	7.5	2.3	9.8	3.0	15.6	4.8	12.7	3.9			3.6	.063	3.5	.062	17.9	5.5	14.5	4.4
1427	8.5	2.6	11.9	3.6	10.7	3.2	11.2	3.4			3.1	.053	2.8	.048	14.5	4.4	11.9	3.6
1428	11.0	3.3	12.1	3.7	11.1	3.4	11.6	3.5			2.8	.049	3.6	.062	13.5	4.1	10.5	3.2
1430	12.0	3.7	12.8	3.9	14.2	4.3	13.6	4.1			3.7	.064	3.6	.062	18.9	5.8	15.6	4.8
1434	13.7	4.2	10.7	3.3	13.7	4.2	12.2	3.7			3.2	.055	2.6	.045	20.1	6.1	16.8	5.1
1435	5.1	1.5	11.2	3.4	12.3	3.8	11.8	3.6			3.2	.056	2.9	.050	15.1	4.6	12.0	3.7
1436	11.3	3.5	12.7	3.9	12.7	3.9	12.7	3.9			3.0	.052	3.0	.052	19.4	5.9	16.8	5.1
1439	13.2	4.0	12.0	3.7	12.3	3.7	12.2	3.7			3.3	.057	2.9	.050	21.6	6.6	18.2	5.6
1441	9.8	3.0	11.0	3.6	10.8	3.3	11.3	3.4			3.1	.054	2.9	.050	15.3	4.7	12.1	3.7
1442	12.5	3.8	14.2	4.3	13.9	4.2	14.1	4.3	14.3	4.4	3.8	.066	3.5	.061	17.9	5.5	14.6	4.4
1445	11.0	3.3	14.6	4.4	12.0	3.6	13.3	4.0			3.9	.067	3.4	.059	13.0	4.0	9.5	2.9
1446	9.7	3.0	10.5	3.2	11.1	3.4	10.9	3.3			3.0	.052	2.7	.047	14.0	4.3	11.0	3.3



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DAY LANDINGS

USS ENTERPRISE (CVN-65)

LANDING DATA - MODEL F-18A

LNCG	NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
		NOSE		PORT		STBD		AVG		FREE-FLIGHT		BNW		BVV		OVER RAMP		OVER RAMP	
		F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
1448	9.7	3.0	10.8	3.3	9.3	2.8	10.0	3.1			2.4	.043	2.6	.046	14.1	4.3	10.6	3.2	
1450	10.4	3.2	12.2	3.7	11.3	3.4	11.7	3.6			2.8	.048	2.6	.046	16.8	5.1	13.6	4.2	
1452	11.1	3.4	12.0	3.6	11.6	3.5	11.8	3.6			3.3	.057	3.3	.058	19.2	5.9	16.1	4.9	
1453	7.6	2.3	7.9	2.4	9.3	2.8	8.6	2.6			2.5	.043	2.3	.040	11.2	3.4	7.8	2.4	
1454	10.1	3.1	11.2	3.4	11.7	3.6	11.5	3.5			3.1	.053	3.2	.056	17.4	5.3	14.3	4.3	
1455	10.4	3.2	11.0	3.3	10.0	3.0	10.5	3.2			3.1	.054	2.8	.048	19.7	6.0	16.4	5.0	
1456	3.7	1.1	3.2	1.0	1.3	.4	3.3	1.0			1.7	.029	.7	.012	10.0	3.0	7.0	2.1	
1457	10.1	3.1	11.7	3.6	12.4	3.8	12.1	3.7			3.2	.056	3.2	.055	13.0	4.0	10.1	3.1	
1459	5.2	2.8	10.3	3.1	11.4	3.5	11.0	3.3			3.5	.061	3.1	.054	14.2	4.3	10.7	3.3	
1460	12.8	3.9	13.0	4.0	15.0	4.6	14.0	4.3			3.7	.064	3.8	.066	23.0	7.0	20.0	6.1	
1461	6.2	1.9	13.1	4.0	11.4	3.5	12.9	3.9			4.2	.074	3.2	.056	16.4	5.0	13.2	4.0	
1462	8.6	2.6	8.7	2.0	10.3	3.1	8.5	2.6			2.4	.043	2.2	.038	14.9	4.5	11.7	3.6	
1463	9.6	2.9	11.3	3.4	12.2	3.7	11.9	3.6			3.6	.064	3.4	.060	16.4	5.0	12.7	3.9	
1464	6.5	2.0	10.6	3.2	10.8	3.3	10.6	3.2			3.1	.054	2.8	.048	13.7	4.2	10.0	3.0	
1466	10.6	3.2	11.2	3.4	9.0	3.0	10.5	3.2			2.7	.047	2.5	.043	17.5	5.3	14.2	4.3	
1467	9.0	2.8	8.2	2.5	9.0	2.7	8.6	2.6			2.8	.048	2.2	.039	19.0	5.8	16.0	4.9	
1468	9.4	2.9	12.1	3.7	10.6	3.2	11.3	3.5			3.7	.064	3.1	.054	17.5	5.3	14.5	4.4	
1469	9.2	2.8	9.1	2.8	7.7	2.4	8.4	2.6			2.8	.049	2.2	.039	17.6	5.4	14.7	4.5	
1470	10.4	3.2	12.0	3.6	11.7	3.6	11.8	3.6			3.1	.054	2.9	.051	18.5	5.6	15.4	4.7	
1472	8.3	2.5	13.0	4.0	12.3	3.7	12.6	3.9			3.1	.054	3.4	.060	20.1	6.1	17.3	5.3	
1473	3.8	1.1	8.6	2.6	7.6	2.3	8.1	2.5			2.9	.050	1.7	.030	11.5	3.5	8.0	2.4	
1474	6.8	2.1	8.9	2.7	9.6	2.9	9.2	2.8			2.7	.047	2.1	.037	14.5	4.4	11.3	3.4	
1475	10.7	3.3	13.6	4.1	13.8	4.2	13.7	4.2			3.8	.067	3.5	.061	17.7	5.4	14.2	4.3	
1477	4.8	1.5	8.7	2.7	5.8	1.8	7.1	2.2			3.5	.060	2.0	.034	13.7	4.2	10.4	3.2	
1478	11.7	3.6	12.4	3.8	11.7	3.6	12.2	3.7			2.9	.050	3.1	.054	14.6	4.5	13.4	4.1	
1482	11.0	3.3	12.5	3.8	11.9	3.6	12.2	3.7			3.0	.052	2.7	.048	17.2	5.2	14.4	4.4	
1483	9.1	2.8	11.0	3.3	10.9	3.3	10.9	3.3			3.2	.055	2.9	.050	14.8	4.5	11.3	3.4	
1484	10.6	3.2	11.3	3.4	11.3	3.4	11.1	3.4	11.2	3.4	3.1	.055	3.1	.054	18.2	5.5	14.8	4.5	
1485	12.0	3.7	12.7	3.9	12.6	3.8	12.6	3.9			3.1	.055	3.2	.056	18.1	5.5	14.9	4.6	
1486	12.1	3.7	14.5	4.4	13.3	4.1	13.9	4.2			3.4	.059	3.8	.067	16.7	5.1	13.4	4.1	
1487	16.7	5.1	16.1	4.9	16.2	4.9	14.8	4.5			4.4	.077	4.6	.080	18.0	5.5	14.7	4.5	
1488	9.6	2.9	10.6	3.2	10.9	3.3	10.9	3.3			3.1	.054	2.8	.049	12.3	3.7	9.0	2.7	
1489	13.4	4.1	13.1	4.0	13.7	4.2	13.4	4.1			3.8	.066	3.6	.063	14.4	4.4	11.1	3.4	
1490	7.7	2.3	6.7	2.0	7.1	2.1	6.9	2.1			2.5	.043	1.6	.027	12.6	3.8	9.3	2.8	
1491	8.0	2.4	13.6	4.1	11.3	3.5	12.3	3.7			3.5	.061	2.8	.050	16.8	5.1	13.3	4.0	
1492	14.4	4.4	15.5	4.7	14.8	4.5	15.1	4.6			4.2	.073	3.9	.068	20.1	6.1	16.9	5.2	
1493	11.8	3.6	14.0	4.3	13.2	4.0	13.6	4.1			3.6	.063	3.9	.068	18.5	5.6	15.3	4.7	
1494	9.4	2.8	12.1	3.7	11.0	3.4	11.6	3.5			3.0	.052	3.1	.053	15.6	4.0	12.2	3.7	
1495	9.6	2.9	10.3	3.1	10.6	3.2	10.5	3.2			3.2	.055	2.7	.048	18.1	5.5	14.8	4.5	
1496	9.2	2.8	10.5	3.2	10.4	3.2	10.4	3.2			2.5	.044	2.8	.049	17.5	5.3	14.3	4.3	

DEPARTMENT OF THE NAVY  
Naval Air Development Center  
Warminster, PA 18974-5000

13410  
Code 6042

GS

DAY LANDINGS

USS ENTERPRISE (CVN-65)

LANDING DATA - MODEL F-18A

LNDC	NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
		F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	AVG	FREE-FLIGHT	BHW	DEG	RAD	DEG	FT	M	FT	M
	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1497	7.6	2.3	8.0	2.4	7.8	2.4	7.9	2.4	2.4			2.4	.041	1.7	.030	16.3	5.0	13.5	4.1
1498	7.9	2.4	9.8	3.0	10.1	3.1	9.9	3.0	3.0			3.0	.053	2.9	.050	15.9	4.8	12.3	3.8
1499	8.5	2.6	10.2	3.1	9.7	3.0	10.0	3.1	3.1			2.8	.049	2.5	.043	18.6	5.7	15.4	4.7
1500	10.3	3.1	10.5	3.2	11.4	3.5	11.0	3.3	3.3			3.1	.054	2.7	.047	14.4	4.4	10.9	3.3
1501	8.6	2.6	8.2	2.5	10.0	3.1	9.1	2.8	2.8			2.8	.049	2.2	.039	13.6	4.1	10.3	3.1
1502	12.2	3.7	12.4	3.8	13.5	4.1	13.0	4.0	4.0			3.0	.053	3.3	.058	21.9	6.7	18.9	5.8
1503	9.8	3.0	10.5	3.2	11.4	3.5	11.0	3.3	3.3			2.9	.051	2.9	.051	16.7	5.1	13.4	4.1
1504	6.2	1.9	10.1	3.1	9.8	3.0	9.9	3.0	3.0			2.9	.050	2.4	.041	13.9	4.2	10.7	3.3
1505	11.1	3.4	14.3	4.4	14.2	4.3	14.3	4.3	4.3			3.5	.061	3.6	.063	17.4	5.3	14.2	4.3
1507	9.5	2.9	11.2	3.4	10.9	3.3	11.1	3.4	10.9	3.3				3.2	.055				
1508	10.9	3.3	10.3	3.1	12.6	3.8	11.5	3.5	3.5			3.1	.055	3.2	.057	16.9	5.2	13.6	4.1
1512	10.1	3.1	9.6	2.9	10.4	3.2	10.0	3.0	3.0			2.6	.046	2.5	.044	14.0	4.3	11.1	3.4
1514	8.6	2.6	9.9	3.0	9.9	3.0	9.9	3.0	3.0			3.1	.053	2.6	.046	15.0	4.6	12.0	3.7
1515	9.8	3.0	11.2	3.4	10.8	3.3	11.0	3.4	3.4			2.9	.051	2.5	.044	16.6	5.1	13.4	4.1
1516	10.2	3.1	11.0	3.5	13.1	4.0	12.4	3.8	3.8			3.4	.059	3.3	.057	15.6	4.8	12.1	3.7
1518	10.2	3.1	11.5	3.5	8.3	2.5	9.9	3.0	3.0			2.9	.050	2.4	.041	19.0	5.8	16.1	4.9
1519	9.1	2.8	11.2	3.4	10.7	3.1	10.7	3.1	3.1			3.3	.058	2.5	.044	13.0	4.0	9.7	3.0
1521	11.1	3.4	12.2	3.7	10.8	3.3	11.5	3.5	3.5			2.7	.048	2.3	.040	18.4	5.6	15.6	4.8
1522	11.3	3.4	13.1	4.0	13.2	4.0	13.1	4.0	4.0			3.7	.064	3.5	.061	16.5	5.0	13.4	4.1
1523	10.0	3.0	11.5	3.5	11.6	3.5	11.6	3.5	3.5			3.6	.062	3.3	.057	16.0	4.9	12.2	3.7
1526	14.0	4.3	15.9	4.8	15.2	4.6	15.6	4.7	4.7	16.2	4.9	4.1	.072	3.7	.064	20.8	6.3	17.8	5.4
1528	11.4	3.5	13.5	4.1	11.7	3.3	9.4	3.1	3.1	12.6	3.8	3.2	.055	2.4	.042	14.6	4.5	11.6	3.5
1529	9.6	2.9	10.7	3.3	9.4	2.9	10.1	3.1	3.1			3.4	.059	2.6	.046	15.1	4.6	11.4	3.5
1531	7.1	2.2	11.1	3.4	10.6	3.2	10.8	3.3	3.3			2.9	.050	2.8	.049	19.7	6.0	16.9	5.1
1532	12.2	3.7	12.2	3.7	11.3	3.4	11.8	3.6	3.6			3.0	.052	3.0	.052	19.3	5.9	16.4	5.0
1533	10.2	3.1	11.5	3.5	11.8	3.6	11.7	3.6	3.6			4.1	.072	3.6	.062	20.3	6.2	17.2	5.2
1534	12.8	3.9	13.0	4.0	14.5	4.4	13.8	4.2	4.2			3.1	.053	2.4	.041	15.1	4.6	11.8	3.6
1535	6.6	2.0	10.5	3.2	10.0	3.0	10.1	3.1	3.1			2.6	.046	2.4	.042	15.2	4.6	12.4	3.8
1536	9.2	2.8	10.4	3.2	11.3	3.5	10.9	3.3	3.3			3.5	.061	3.2	.057	19.3	5.9	15.9	4.8
1537	10.4	3.2	13.1	4.0	12.2	3.7	12.9	3.9	3.9			3.1	.055	2.6	.046	15.6	4.8	12.5	3.8
1539	9.9	3.0	11.4	3.5	11.2	3.4	11.3	3.5	3.5			2.8	.049	2.4	.043	14.7	4.5	11.5	3.5
1540	8.5	2.6	9.2	2.8	9.0	2.7	9.1	2.8	2.8			3.3	.057	3.3	.057	20.4	6.2	17.1	5.2
1541	13.8	4.2	13.1	4.0	13.8	4.2	13.5	4.1	4.1			2.6	.046	2.8	.048	21.2	6.5	18.0	5.5
1542	12.0	3.7	12.3	3.7	11.4	3.5	11.9	3.6	3.6			3.9	.050	2.9	.051	21.6	6.6	18.7	5.7
1543	12.4	3.8	13.3	4.1	12.3	3.8	12.8	3.9	3.9	12.8	3.9	2.8	.059	3.1	.054	16.9	5.2	13.5	4.1
1544	11.6	3.5	12.1	3.7	11.9	3.6	12.0	3.6	3.6			3.4	.059	3.1	.055	16.3	5.0	13.0	4.0
1545	10.7	3.3	11.3	3.4	12.0	3.6	11.6	3.5	3.5	11.5	3.5	2.9	.051	2.7	.047	17.0	5.2	14.0	4.3
1546	10.7	3.2	11.5	3.5	12.1	3.7	11.8	3.6	3.6			2.9	.050	2.3	.046	15.6	4.8	12.3	3.7
1624	9.2	2.8	9.3	2.8	9.8	3.0	9.6	2.9	2.9			3.2	.056	3.2	.056	18.7	5.7	15.5	4.7
1825	11.8	3.6	13.6	4.1	13.0	4.0	13.4	4.1	4.1										

DEPARTMENT OF THE NAVY  
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UNDC	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT							
	PORT					STBD					AVG		FREE-FLIGHT		BHW		BVW		OVER RAMP		OVER RAMP			
	F/S	M/S	F/S	M/S	F/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M	FT	M	
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40						
1826	14.2	4.3	17.5	5.3	17.0	5.2	17.3	5.3			4.3	.075	4.4	.077	20.3	6.2	17.1	5.2						
1827	12.0	3.7	12.0	3.7	12.0	3.7	12.2	3.7			3.2	.057	3.4	.059	17.3	5.3	13.8	4.2						
1828	14.5	4.4	14.9	4.5	15.7	4.8	15.3	4.7			3.2	.055	3.9	.068	24.1	7.3	21.0	6.4						
1829	10.6	3.2	11.4	3.5	12.6	3.8	12.0	3.6			3.1	.054	3.1	.055	16.0	4.9	12.8	3.9						
1830	10.2	3.1	9.7	3.0	14.2	4.3	12.7	3.9			3.0	.053	2.9	.050	16.5	5.0	13.4	4.1						
1831	13.7	4.2	15.2	4.6	15.9	4.9	15.6	4.8			4.4	.076	3.8	.066	16.6	5.1	12.8	3.9						
1832	13.1	4.0	13.7	4.2	15.3	4.7	14.8	4.5			3.7	.065	3.9	.068	20.3	6.2	17.0	5.2						
1833	12.2	3.7	15.5	4.7	11.5	3.5	13.5	4.1			3.0	.052	3.7	.064	15.9	4.8	12.6	3.8						
1834	8.4	2.6	9.2	2.8	8.6	2.6	8.9	2.7			2.4	.041	1.8	.032	16.4	5.0	13.2	4.0						
1836	9.6	2.9	12.5	3.8	13.4	4.1	12.9	3.9			3.2	.055	3.1	.054	18.3	5.6	15.0	4.6						
1837	8.8	2.7	11.8	3.6	11.2	3.4	11.5	3.5			3.0	.052	3.0	.052	13.2	4.0	10.0	3.0						
1838	13.6	4.1	16.2	4.9	15.4	4.7	15.8	4.8			3.8	.067	4.3	.075	16.9	5.2	13.7	4.2						
1839	16.7	5.1	18.1	5.5	17.7	5.4	17.9	5.4			4.1	.072	4.5	.079	18.8	5.7	15.5	4.7						
1840	11.4	3.5	13.0	4.0	12.1	3.7	12.6	3.8			3.6	.062	3.3	.058	18.6	5.7	15.2	4.6						
1842	9.1	2.8	10.7	3.3	10.3	3.1	10.6	3.2			2.9	.050	2.6	.045	17.6	5.4	14.5	4.4						
1843	10.6	3.2	11.5	3.5	11.8	3.6	11.7	3.6			3.0	.052	2.7	.048	19.3	5.9	16.1	4.9						
1844	11.3	3.5	13.5	4.1	13.0	4.0	13.1	4.0			3.7	.065	3.2	.056	12.3	3.7	8.7	2.6						
1845	12.4	3.8	13.4	4.1	13.7	4.2	13.6	4.1			3.0	.051	3.5	.062	19.7	6.0	16.7	5.1						
1846	10.8	3.3	10.7	3.3	12.7	3.9	11.6	3.5			3.6	.063	3.4	.059	18.3	5.6	15.1	4.6						
1847	9.9	3.0	10.5	3.2	12.1	3.7	11.3	3.4			2.8	.049	2.7	.048	16.5	5.0	13.2	4.0						
1853	11.9	3.6	15.4	4.7	13.3	4.1	14.4	4.4			3.5	.060	3.6	.063	20.7	6.3	17.4	5.3						
1854	10.8	3.3	13.2	4.0	11.8	3.6	12.5	3.8			3.3	.057	3.3	.057	20.5	6.2	17.2	5.2						
1855	9.8	3.0	12.1	3.7	12.7	3.9	12.4	3.8			3.1	.053	3.5	.061	16.3	5.0	13.2	4.0						
1857	12.4	3.8	13.8	4.2	13.8	4.2	13.8	4.2			3.5	.061	3.8	.065	14.9	4.5	11.6	3.5						
1859	10.7	3.3	14.1	4.3	13.3	4.1	13.7	4.2			2.9	.050	3.3	.057	18.9	5.8	15.6	4.8						
1861	10.5	3.2	12.3	3.7	12.0	3.7	12.2	3.7			3.3	.057	3.4	.059	16.0	4.9	12.6	3.8						
2111	11.0	3.3	11.6	3.5	11.2	3.4	11.4	3.5			3.0	.053	3.0	.052	18.0	5.5	14.8	4.5						
2112	15.7	4.8	15.0	4.6	15.1	4.6	15.1	4.6			3.8	.066	3.9	.069	26.0	7.9	22.4	6.8						
2113	11.1	3.4	11.2	3.4	12.4	3.8	11.8	3.6			3.3	.057	3.0	.052	17.9	5.5	14.5	4.4						
2114	10.7	3.2	13.6	4.1	13.8	4.2	13.5	4.1			3.4	.059	3.2	.055	17.3	5.3	13.9	4.2						
2115	8.8	2.7	11.6	3.5	11.6	3.5	11.6	3.5			2.6	.045	2.9	.050	14.2	4.3	11.2	3.4						
2116	14.9	4.5	15.9	4.8	15.5	4.7	15.7	4.8			4.2	.074	4.1	.072	22.8	6.9	19.5	5.9						
2118	12.7	3.9	13.4	4.1	13.3	4.1	13.4	4.1			3.3	.057	3.5	.061	21.1	6.4	17.8	5.4						
2119	11.4	3.5	12.7	3.9	13.2	4.0	13.0	3.9			3.2	.057	3.3	.058	16.7	5.1	13.2	4.0						
2121	12.1	3.7	13.7	4.2	13.7	4.2	13.5	4.1			2.8	.048	3.6	.062	15.8	4.8	12.5	3.8						
2122	14.8	4.5	16.3	5.0	16.1	4.9	16.2	4.9			3.9	.067	4.2	.073	15.6	4.8	12.6	3.8						
2123	9.9	3.0	10.7	3.3	12.6	3.8	11.7	3.6			3.3	.057	3.0	.053	15.6	4.8	12.5	3.8						
2124	13.9	4.2	13.8	4.2	15.2	4.6	14.5	4.4			3.5	.062	3.7	.064	17.7	5.4	14.3	4.4						
2125	13.1	4.0	16.4	5.0	15.1	4.6	15.7	4.8			4.0	.069	3.8	.067	17.8	5.4	14.8	4.5						
2126	14.5	4.4	13.5	4.1	15.6	4.8	14.6	4.4			3.8	.067	3.9	.068	21.1	6.4	17.7	5.4						

DEPARTMENT OF THE NAVY  
Naval Air Development Center  
Warminster, PA 18974-5000

13410  
Code 6042

GS

UAT LANDINGS

USS ENTERPRISE (CVN-60)

LANDING DATA - MODEL F-16A

LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE	PORT	STBD	AVG	FREE-FLIGHT		BHW		BVV		FT	DEG	FT	DEG	FT	M	FT	M
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	31	32	33	34	35	36	37	38
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
2127	10.9	3.3	13.4	4.1	13.5	4.1	13.3	4.1			3.6	.064	3.8	.067	17.6	5.4	14.5	4.4
2128	12.9	3.9	12.6	3.8	12.3	3.7	12.4	3.8			3.2	.057	3.2	.056	17.4	5.3	14.4	4.4
2129	8.8	2.7	10.8	3.3	9.3	2.8	9.8	3.0			2.6	.046	2.4	.041	15.7	4.8	12.2	3.7
2130	13.0	4.0	15.7	4.8	13.3	4.1	14.5	4.4			3.3	.058	3.5	.061	13.5	4.1	9.8	3.0
2131	11.0	3.4	11.5	3.5	12.0	3.6	11.7	3.6			3.0	.053	3.0	.053	13.7	4.2	10.3	3.1
2133	11.7	3.6	13.4	4.1	14.2	4.3	13.8	4.2			3.7	.064	3.5	.062	17.0	5.2	13.6	4.2
2134	11.4	3.5	12.9	3.9	14.5	4.4	13.7	4.2			3.4	.059	3.5	.062	17.0	5.2	13.8	4.2
2135	11.4	3.5	11.2	3.4	12.1	3.7	11.7	3.6			2.9	.050	2.9	.051	12.1	3.7	8.9	2.7
2136	12.5	3.8	16.2	4.9	15.9	4.8	16.1	4.9			4.3	.076	4.4	.076	20.5	6.2	17.1	5.2
2137	9.4	2.9	8.3	2.5	9.6	2.9	9.0	2.7			3.1	.054	2.2	.039	16.4	5.0	12.8	3.9
2139	11.0	3.3	10.7	3.3	11.4	3.5	11.1	3.4			3.2	.056	2.7	.048	15.6	4.8	12.7	3.9
2140	13.2	4.0	13.9	4.2	15.3	4.7	14.6	4.4			4.0	.071	4.2	.073	19.2	5.9	15.5	4.7
2142	11.0	3.3	14.2	4.3	12.6	3.8	13.4	4.1			3.3	.058	3.7	.065	19.5	5.9	16.2	5.0
2143	7.3	2.2	10.3	3.1	9.8	3.0	10.2	3.1			3.3	.058	2.9	.051	10.3	3.1	6.6	2.0
2144	10.7	3.3	13.1	4.0	13.8	4.2	13.4	4.1			3.1	.054	3.5	.061	18.7	5.7	15.5	4.7
2145	14.2	4.3	15.2	4.6	15.5	4.7	15.3	4.7			3.2	.057	4.0	.070	22.0	6.7	19.0	5.8
2146	14.0	4.3	14.4	4.4	14.8	4.5	14.6	4.5			3.3	.058	3.8	.066	17.4	5.3	14.2	4.3
2147	12.8	3.9	14.9	4.6	14.2	4.3	14.6	4.4			3.5	.060	3.8	.066	17.2	5.2	14.1	4.3
2148	10.8	3.3	12.4	3.8	12.0	3.7	12.2	3.7			3.1	.054	3.1	.054	18.3	5.6	15.1	4.6
2150	11.5	3.5	12.6	3.8	13.0	4.0	13.1	4.0			3.6	.063	3.6	.063				
2151	14.3	4.4	13.7	4.2	14.1	4.3	13.6	4.2			3.8	.066	3.3	.058	21.8	6.6	18.6	5.7
2152	10.5	3.2	9.6	2.9	8.9	2.7	9.6	2.9	10.7	3.3	2.9	.051	2.9	.050	13.2	4.0	9.8	3.0
2153	9.7	2.9	10.2	3.1	11.3	3.4	10.8	3.3			3.3	.058	2.8	.049	14.7	4.5	11.6	3.5
2154	7.2	2.2	10.1	3.1	10.7	3.3	10.4	3.2			3.1	.054	2.6	.046	14.5	4.4	11.3	3.4
2155	14.1	4.3	17.6	5.4	16.7	5.1	17.7	5.4			4.2	.074	4.9	.085	15.1	4.6	11.4	3.5
2157	10.6	3.2	10.7	3.2	11.5	3.5	11.1	3.4			2.5	.044	2.5	.044	17.0	5.2	14.0	4.3
2158	17.2	5.2	18.3	5.6	17.7	5.4	18.0	5.5			3.4	.059	3.5	.062	19.1	5.8	16.0	4.9
2159	13.4	4.1	13.2	4.0	13.8	4.2	13.5	4.1			4.1	.072	3.9	.068	17.6	5.4	14.3	4.3
2161	13.9	4.2	15.5	4.7	14.3	4.4	14.9	4.5			3.4	.060	3.5	.061	17.5	5.3	14.2	4.3
2162	13.0	4.0	13.3	4.0	14.2	4.3	13.8	4.2			3.9	.069	3.6	.063	20.8	6.3	17.5	5.3
2163	13.4	4.1	13.6	4.1	13.6	4.1	13.5	4.1										

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LNDC NO	PITCH ANGLE			ROLL ANGLE			PITCH RATE			ROLL RATE			F. P. A.			YAW				
	TD	OR	FF	TD	OR	FF	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
1170	3.8	.066	5.2	.001			-1.7	-.030	3.2	.056			3.2	.056	3.5	.061	-2.5	-.044	-1.2	-.021
1171	5.4	.094	5.5	.096			-2	-.003	-3.1	-.054			-1.2	-.021	-4.5	-.079	-3.0	-.052	.2	.003
1172	5.2	.091	5.9	.103	5.4	.094	1.3	.023	-1.1	-.002	1.5	.026	.8	.014	-1.8	-.031	-2.0	-.035	0.0	0.000
1179	5.5	.086	5.2	.091			-2	-.003	-1.7	-.030			-2.0	-.035	-5.2	-.091	-2.0	-.035	4.5	.079
1184	6.0	.105	5.2	.091	5.8	.101	.8	.014	.6	.010	1.0	.017	-.3	-.005	7.3	.127	-2.6	-.045	.4	.007
1193	4.9	.086	5.8	.101			.1	.002	2.1	.037			.5	.009	.3	.005	-3.2	-.056	7.5	.131
1195	5.5	.096	6.3	.110			-5.5	-.009	-1.7	-.030			1.1	.019	-.5	-.009	-4.0	-.070	2.4	.042
1200	2.9	.051	5.6	.098			3.0	.052	.6	.010			0.0	0.000	7.7	.134	-4.3	-.075	-2	-.003
1207	5.6	.098	6.1	.106			1.1	.019	1.9	.033			0.0	0.000	6.4	.112	-2.4	-.042	6.0	.105
1210	6.6	.115	6.2	.108			-5.5	-.009	1.0	.017			.2	.003	-.9	-.016	-3.1	-.054	5.7	.099
1300	4.8	.084					-1.3	-.023					2.7	.047	3.5	.061	-.8	-.014	-6.1	-.106
1397	5.8	.101	3.4	.059			-2.3	-.040	-3.3	-.058			-3.3	-.058	-3.5	-.061	-4.1	-.072	.5	.009
1402	4.3	.075	3.7	.065			-1.1	-.002	.6	.010			-3.1	-.054	.5	.009	-3.7	-.065	-.7	-.012
1403	3.7	.065	5.0	.087			2.3	.040	.3	.005			2.2	.038	-.1	-.002	-3.8	-.066	.4	.007
1404	5.7	.099	6.2	.108			-1.8	-.031	-3.4	-.059			.5	.009	2.2	.038	-1.7	-.030	-4.7	-.082
1406	4.0	.070	4.2	.073			7.5	.131	6.2	.108			1.2	.021	.8	.014	-2.3	-.040	-1.0	-.017
1407	3.1	.054	5.1	.069			0.0	0.000	3.1	.054			2.2	.038	2.8	.049	-4.5	-.079	5.9	.103
1408	1.7	.030	3.6	.063			1.1	.019	-1.4	-.024			0.0	0.000	-4.9	-.086	-3.6	-.063	-.4	-.007
1409	3.0	.052	4.1	.072			.7	.012	1.1	.019			-.8	-.014	8.0	.140	-3.6	-.063	.9	.016
1411	5.0	.087	5.0	.087			-3.6	-.063	-3.5	-.061			-.4	-.007	-.6	-.010	-3.2	-.056	-.7	-.012
1412	4.3	.075	5.9	.103			.1	.002	1.4	.024			0.0	0.000	-5.5	-.096	-4.9	-.086	-.7	-.012
1418	5.1	.089	5.6	.098			.3	.005	6.8	.119			-2.2	-.038	11.9	.208	-.6	-.010	-3.7	-.065
1419	4.5	.079	3.2	.056			.7	.012	-.4	-.007			-5.4	-.094	9.0	.157	-3.1	-.054	-.4	-.007
1420	2.5	.044	4.5	.079			1.2	.021	-1.3	-.023			.6	.010	-21.1	-.368	-3.7	-.065	.5	.009
1421	4.3	.075	5.0	.087			3.3	.058	1.7	.030			.8	.014	-.9	-.016	-2.2	-.038	-1.4	-.024
1422	2.3	.040	5.0	.087			2.3	.040	-1.1	-.019			1.1	.019	-1.3	-.023	-3.4	-.059	.7	.012
1423	5.9	.103	5.4	.094			-4.7	-.082	-6.8	-.119			.6	.010	-3.6	-.063	-4.5	-.079	1.8	.031
1424	2.9	.051	5.6	.098			-1.5	-.026	1.2	.021			2.5	.044	3.6	.063	-2.9	-.051	-.6	-.010
1425	5.8	.101	5.0	.087			2.3	.040	-2.1	-.037			-2.5	-.044	-32.5	-.567	-4.9	-.086	1.0	.017
1427	4.4	.077	3.0	.052			-2.3	-.040	-1.1	-.002			-.3	-.005	8.1	.141	-2.6	-.045	-1.8	-.031
1428	1.4	.024	4.6	.080			1.0	.017	-1.5	-.026			.4	.007	5.7	.099	-3.6	-.063	.4	.007
1430	4.2	.073	4.5	.079			-4.1	-.072	-5.5	-.079			1.4	.024	-8.6	-.150	-4.3	-.075	1.0	.017
1434	2.1	.037	5.1	.089			2.2	.038	-7.4	-.129			3.7	.065	-16.8	-.293	-5.2	-.091	5.5	.096
1435	5.7	.099	4.4	.077			-.9	-.016	-.9	-.016			-.8	-.014	-6.3	-.110	-4.4	-.077	2.2	.038
1438	2.7	.047	3.0	.052			.1	.002	1.8	.031			-.3	-.005	0.0	0.000	-3.4	-.059	-1.1	-.019
1439	4.1	.072	5.2	.091			.8	.014	-1.2	-.021			0.0	0.000	-1.5	-.026	-4.4	-.077	-6	-.010
1441	4.5	.079	5.0	.087			.6	.010	.9	.016			.6	.010	5.4	.094	-2.2	-.038	-2.6	-.045
1442	5.8	.101	4.6	.080	5.6	.098	-1.9	-.033	4.4	.077	-1.9	-.033	.5	.009	1.1	.019	-.3	-.005	0.0	0.000
1445	5.6	.098	5.1	.089			-1.3	-.023	4.8	.084			1.8	.031	14.5	.253	-.4	-.007	.9	.016
1446	4.8	.084	4.4	.077			3.2	.056	.8	.014			.4	.007	-2.4	-.042	-1.8	-.031	3.4	.059

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LNCG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	TO	OR	DEG	RAD	TO	OR	DEG	RAD	AT	TO	DEG	RAD	AT	TO	DEG	RAD	AT	TO	DEG	RAD	AT	TO	DEG	RAD
NO	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
41	3.6	.063	6.5	.113			-1.3	-.023	-.4	-.007			.8	.014	8.4	.147	-3.1	-.054	5.8	.101				
1448	3.6	.063	5.1	.089			1.6	.028	4.5	.079			-.6	-.010	5.0	.087	-2.0	-.035	4.7	.082				
1450	4.9	.086	4.3	.075			-1.6	-.028	7.6	.133			0.0	0.000	1.9	.033	-1.5	-.026	2.9	.051				
1452	4.4	.077	6.3	.110			-7	-.012	-5	-.009			1.6	.028	-7.7	-.134	-3.8	-.066	6.4	.112				
1453	4.6	.080	4.7	.082			1.9	.033	5.0	.087			.5	.009	-3.1	-.054	-2.7	-.047	6.5	.113				
1454	4.1	.072	5.2	.091			-8	-.014	-2.1	-.037			0.0	0.000	5.8	.101	-3.6	-.063	6.7	.117				
1455	5.7	.099	5.6	.098			7.4	.129	-1	-.002			0.0	0.000	22.6	.394	-3.6	-.063	3.7	.065				
1456	3.5	.061	3.8	.066			-6	-.010	5.9	.103			3.1	.054	-3.6	-.063	-4.1	-.072	7.6	.133				
1459	6.4	.112	5.4	.094			2.6	.045	-5.9	-.103			1.3	.023	-4.3	-.075	-6.4	-.112	10.2	.178				
1460	4.7	.082	3.7	.065			-2.4	-.042	-1.5	-.026			.5	.009	-11.6	-.202	-6.2	-.108	13.0	.227				
1461	6.9	.120	3.8	.066			5.5	.096	1.2	.021			4.2	.073	17.2	.300	-3.4	-.059	6.4	.112				
1462	5.4	.094	5.5	.096			1.1	.019	4.0	.070			0.0	0.000	-20.3	-.354	-5.2	-.091	8.6	.150				
1463	6.0	.105	5.9	.103			4.0	.070	-7.8	-.136			.1	.002	-3.0	-.052	-2.9	-.051	7.5	.131				
1464	5.9	.103	6.7	.117			3.8	.066	2.9	.051			.3	.005	-1.9	-.033	-2.7	-.047	6.4	.112				
1466	3.2	.056	5.7	.099			2.1	.037	-2.0	-.035			2.8	.049	7.9	.138	-3.2	-.056	6.4	.112				
1467	3.0	.052	4.6	.080			.8	.014	6.2	.108			0.0	0.000	-4.6	-.080	-7	-.012	.8	.014				
1468	4.9	.086	3.5	.061			-1.5	-.026	7.1	.124			-5	-.009	8.1	.141	-6.1	-.106	11.0	.192				
1469	3.8	.066	4.3	.075			-1.9	-.033	-3.6	-.063			0.0	0.000	7.8	.136	-2.3	-.040	4.5	.079				
1470	4.8	.084	4.7	.082			-1.3	-.023	-7.5	-.131			-4	-.007	1.5	.026	-3.4	-.059	7.2	.126				
1472	5.0	.087	3.4	.059			-1.9	-.033	-2.2	-.038			-4.3	-.075	4.1	.072	-2.8	-.049	6.7	.117				
1473	7.0	.122	6.1	.106			-2.4	-.042	6.2	.108			3.7	.065	6.0	.105	-8	-.014	3.3	.058				
1474	4.5	.079	5.4	.094			.3	.005	-3	-.005			1.2	.021	-4.1	-.072	-3.5	-.061	7.1	.124				
1475	5.1	.089	5.0	.087			.2	.003	-2.0	-.035			-4.3	-.075	-1.5	-.026	-4.7	-.082	9.2	.161				
1477	5.7	.099	4.9	.080			-4.5	-.079	7.1	.124			6.0	.105	18.5	.323	2.3	.040	-1.3	-.023				
1478	4.7	.082	-1.4	-.024			1.4	.024	-1.2	-.021			2.6	.045	5.9	.103	-3.0	-.052	4.4	.077				
1482	3.7	.065	3.7	.065			-5	-.009	1.7	.030			.7	.012	3.3	.058	-2.9	-.051	-1.3	-.023				
1483	5.2	.091	5.8	.101			-2.2	-.038	-1.1	-.019			1.2	.021	.4	.007	-4.1	-.072	1.0	.017				
1484	5.7	.099	5.5	.096	5.8	.103	-3.1	-.054	5.8	.101	-3.3	-.058	1.1	.019	1.4	.024	-3.1	-.054	3.6	.063				
1485	5.0	.087	4.7	.082			-1.4	-.024	-5	-.009			1.4	.024	.6	.010	-2.6	-.045	-9	-.016				
1486	3.3	.058	5.1	.089			-1.1	-.019	2.5	.044			-9	-.016	6.6	.115	-4.7	-.082	2.5	.044				
1487	4.4	.077	4.0	.070			10.5	.183	5.6	.098			-1	-.002	-15.3	-.267	-2.7	-.047	2.5	.044				
1488	5.1	.089	5.3	.092			3.7	.065	2.6	.045			-8	-.014	-4	-.007	-4.3	-.075	6.3	.110				
1489	4.5	.079	4.4	.077			-8	-.014	-1.0	-.017			3.8	.066	-3.0	-.052	-4.0	-.070	5.7	.099				
1490	5.8	.101	5.7	.099			-1.2	-.021	-2.9	-.051			4.1	.072	-2.0	-.035	-3.7	-.065	-8	-.014				
1491	5.8	.101	5.6	.098			-2.5	-.044	3.2	.056			2.0	.035	14.3	.250	-2.8	-.049	-1.3	-.023				
1492	4.3	.075	3.7	.065			1.4	.024	1.0	.017			.4	.007	3.7	.065	-3.2	-.056	1.8	.031				
1493	4.4	.077	4.3	.075			2.7	.047	-2.9	-.051			-5	-.009	4.2	.073	-4.9	-.086	3.6	.063				
1494	5.4	.094	5.6	.098			-2.3	-.040	.2	.003			-3	-.005	5.7	.099	-4.3	-.075	.5	.009				
1495	4.4	.077	5.0	.087			1.6	.028	3.6	.063			2.2	.038	-1.2	-.021	-3.8	-.066	.8	.014				
1496	5.8	.101	5.6	.098			-3	-.005	-2.7	-.047			-3	-.005	.7	.012	-4.2	-.073	-6	-.010				

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LANDING DATA - MODEL F-18A										USS ENTERPRISE (CVN-65)										DAY LANDINGS										GS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
LNDS	NO	PITCH ANGLE				ROLL ANGLE				FF	PITCH RATE				ROLL RATE				F. P. A.				YAW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		TD	DEG	RAD	OR	TD	DEG	RAD	OR		AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR	AT	TD	DEG	RAD	OR

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LANDING DATA - MODEL F-18A										USS ENTERPRISE (CVN-65)										DAY LANDINGS										GS			
LNCG	NO	PITCH ANGLE					FF	ROLL ANGLE					FF	PITCH RATE					ROLL RATE					F. P. A.				YAW					
		TD	DEG	RAD	DEG	RAD		TD	DEG	RAD	DEG	RAD		AT	TD	DEG	RAD	DEG	RAD	AT	TD	DEG	RAD	DEG	RAD	AT	TD	DEG	RAD				
	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61												
1826	4.7	.082	3.7	.065				-2.1	-.037	-3.2	-.056			-1.7	-.030	2.9	.051	-2.0	-.035	-4.1	-.072												
1827	4.0	.070	5.8	.101				-2.6	-.045	-3.3	-.005			2.5	.044	-2.0	-.035	-3.6	-.063	-7.7	-.012												
1828	4.8	.084	4.3	.075				.4	.007	6.1	.106			0.0	0.000	-5.0	-.087	-3.1	-.054	-4.6	-.080												
1829	5.2	.091	5.0	.087				-2.8	-.049	1.3	.023			-.9	-.016	-6.8	-.119	-2.8	-.049	-3.4	-.059												
1830	5.1	.089	4.7	.082				2.7	.047	2.3	.040			.6	.010	-17.6	-.307	-4.3	-.075	-5.5	-.009												
1831	4.4	.077	5.6	.098				-7.7	-.012	-3.6	-.063			2.3	.040	-3.9	-.068	-7.7	-.012	-3.2	-.056												
1832	3.7	.065	4.6	.080				6.3	.110	-1.7	-.030			1.1	.019	-5.6	-.098	-5.1	-.089	4.7	.082												
1833	4.1	.072	5.3	.092				-1.1	-.019	3.2	.056			-.7	-.012	22.5	.393	-6.0	-.105	7.5	.131												
1834	3.8	.066	5.7	.099				-1.0	-.017	2.4	.042			1.1	.019	3.2	.056	-3.9	-.068	-4.4	-.007												
1836	5.1	.089	5.2	.091				4.2	.073	-4.4	-.007			-.4	-.007	-5.4	-.094	-3.4	-.059	1.4	.024												
1837	5.6	.098	5.1	.089				-1.1	-.019	2.5	.044			-.7	-.012	3.0	.052	-4.5	-.079	3.1	.054												
1838	4.6	.080	4.3	.075				1.7	.030	-1.1	-.002			-.6	-.010	4.7	.082	-3.0	-.052	-2.5	-.044												
1839	3.1	.054	4.2	.073				-2.1	-.037	-5.5	-.009			-1.6	-.028	2.2	.038	-4.0	-.070	-2.2	-.003												
1840	5.6	.098	5.1	.089				-2.3	-.040	3.1	.054			-1.1	-.019	4.8	.084	-2.5	-.044	-9.9	-.016												
1842	3.7	.065	4.6	.080				5.8	.101	-3.4	-.059			-1.8	-.031	3.4	.059	-5.0	-.087	5.2	.091												
1843	5.3	.092	5.0	.087				-3.1	-.054	3.0	.052			1.6	.028	-2.3	-.040	-3.5	-.061	-3.2	-.056												
1844	5.7	.099	5.6	.098				4.1	.072	3.4	.059			2.4	.042	1.7	.030	-3.0	-.052	2.5	.044												
1845	3.6	.063	4.4	.077				2.0	.035	3.6	.063			-1.8	-.031	-1.5	-.026	-4.0	-.070	-4.4	-.007												
1846	3.2	.056	4.4	.077				1.8	.031	9.0	.157			6.1	.106	-12.5	-.218	-2.3	-.040	1.9	.033												
1847	4.5	.079	5.6	.098				0.0	0.000	-1.7	-.030			0.0	0.000	-9.3	-.162	-4.2	-.073	6.0	.105												
1853	5.1	.089	4.8	.084				2.7	.047	1.8	.031			-1.6	-.028	11.6	.202	-3.6	-.063	-5.5	-.009												
1854	5.1	.089	5.1	.089				.2	.003	-6.6	-.010			1.3	.023	7.7	.134	-2.6	-.045	-2.9	-.051												
1855	5.3	.092	4.7	.082				.2	.003	2.0	.035			-.8	-.014	-3.5	-.061	-2.4	-.042	-8.8	-.014												
1857	4.5	.079	4.7	.082				-1.1	-.002	-1.5	-.026			.2	.003	.2	.003	-3.9	-.068	1.7	.030												
1859	5.7	.099	5.3	.092				.2	.003	1.4	.024			-4.7	-.082	4.4	.077	-2.9	-.051	6.1	.106												
1861	4.1	.072	5.3	.092				5.1	.089	-1.5	-.026			1.1	.019	2.7	.047	-4.3	-.075	4.2	.073												
2111	4.2	.073	4.8	.084				-1.5	-.026	-7.0	-.122			0.0	0.000	2.1	.037	-3.1	-.054	-1.6	-.028												
2112	4.7	.082	5.6	.098				-.3	-.005	.9	.016			0.0	0.000	-.9	-.016	-2.7	-.047	-3.8	-.066												
2113	5.9	.103	5.3	.092				.3	.005	1.9	.033			2.7	.047	-6.7	-.117	-2.4	-.042	-8.8	-.014												
2114	5.5	.096	5.2	.091				-6.8	-.119	-5.3	-.092			.5	.009	.6	.010	-3.5	-.061	-3.3	-.005												
2115	4.9	.086	4.9	.086				-1.0	-.017	-7.7	-.012			-1.5	-.026	.3	.005	-3.1	-.054	.4	.007												
2116	3.3	.058	4.2	.073				-1.0	-.017	2.3	.040			.8	.014	2.3	.040	-3.6	-.063	-4.4	-.007												
2118	5.0	.087	5.0	.087				-.4	-.007	.7	.012			0.0	0.000	.8	.014	-4.1	-.072	-5.5	-.009												
2119	5.4	.094	5.7	.099				2.3	.040	2.5	.044			-.2	-.003	-2.4	-.042	-3.1	-.054	-1.0	-.017												
2121	2.7	.047	5.5	.096				-2.9	-.051	-2.2	-.038			-5.5	-.096	2.5	.044	-3.5	-.061	-1.1	-.002												
2122	4.0	.070	3.4	.059				-1.6	-.028	-2.2	-.003			1.1	.019	1.2	.021	-2.7	-.047	.5	.009												
2123	5.5	.096	4.3	.075				3.0	.052	-1.4	-.024			.2	.003	-10.2	-.178	-4.2	-.073	3.2	.056												
2124	4.9	.086	5.0	.087				-.2	-.003	.1	.002			.9	.016	-7.6	-.133	-2.0	-.035	1.6	.028												
2125	6.9	.120	3.2	.056				-1.5	-.026	1.3	.023			-3.7	-.065	7.6	.133	-2.4	-.042	-1.6	-.028												
2126	3.4	.059	4.7	.082				0.0	0.000	-3.3	-.058			2.8	.049	-11.9	-.208	-2.4	-.042	-2.2	-.003												



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LANDING DATA - MODEL F-18A										USS ENTERPRISE (CVN-65)										DAY LANDINGS						CS				
LNCG	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.				YAW					
	TO	OR	FF	DEG	RAD	TO	OR	FF	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	AT	TD	AT	TD	AT	TD	AT	TD
NO	DEG	RAD	DEG	RAD	DEG	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61										
2127	4.7	.082	3.9	.068			-4.1	-.072	-3.4	-.059			2.8	.049	1.0	.017	-2.5	-.044	.6	.010										
2128	3.5	.061	4.2	.073			.5	.009	1.2	.021			2.2	.038	1.6	.028	-2.7	-.047	-2.1	-.037										
2129	3.0	.052	6.5	.113			2.6	.045	-1.1	-.002			2.0	.035	6.0	.105	-3.6	-.063	-1.5	-.026										
2130	6.0	.105	6.4	.112			-3.3	-.005	-2.1	-.037			2.7	.047	13.2	.230	-1.3	-.023	-4.5	-.079										
2131	5.8	.101	5.7	.099			-2.2	-.038	-2.5	-.044			1.6	.028	-2.4	-.042	-3.9	-.068	1.9	.033										
2133	6.3	.110	4.8	.084			1.4	.024	2.0	.035			-6	-.010	-4.6	-.080	-2.5	-.044	-3.1	-.054										
2134	4.6	.080	4.4	.077			-4.5	-.079	-4.4	-.077			4.1	.072	-9.5	-.166	-5.5	-.096	2.2	.038										
2135	4.5	.079	5.1	.089			1.3	.023	-1.1	-.019			.6	.010	-5.3	-.092	-3.8	-.066	1.2	.021										
2136	6.7	.117	4.2	.073			-3.3	-.005	2.0	.035			-3.4	-.059	1.8	.031	-1.8	-.031	-2.9	-.051										
2137	4.8	.084	6.1	.106			3.1	.054	-2.2	-.003			.9	.016	-7.0	-.122	-3.1	-.054	-1.1	-.002										
2139	3.9	.068	3.6	.063			-9	-.016	.7	.012			2.2	.038	-3.8	-.066	-2.8	-.049	-3	-.005										
2140	4.9	.086	5.7	.099			-9	-.016	-2.5	-.044			-2.2	-.038	-7.9	-.138	-1.7	-.030	3.9	.068										
2142	4.8	.084	4.8	.084			-4	-.007	5.4	.094			.2	.003	9.0	.157	-2.7	-.047	-6	-.010										
2143	7.2	.126	6.2	.108			2.6	.045	.1	.002			0.0	0.000	5.0	.087	-1.9	-.033	.7	.012										
2144	5.9	.103	5.0	.087			.8	.014	-1.1	-.019			-3.0	-.052	-4.3	-.075	-2.6	-.045	4.9	.086										
2145	4.2	.073	4.1	.072			2.2	.038	.4	.007			0.0	0.000	-1.7	-.030	-3.3	-.058	-1.1	-.019										
2146	4.5	.079	4.6	.080			-3	-.005	2.3	.040			-1.8	-.031	-2.1	-.037	-2.6	-.045	-1.0	-.017										
2147	4.5	.079	4.2	.073			-3.1	-.054	5.5	.096			-3.9	-.068	4.4	.077	-2.0	-.035	4.7	.082										
2148	5.3	.092	4.9	.086			-1.3	-.023	-1.6	-.028			-1.1	-.019	1.9	.033	-3.7	-.065	7.7	.134										
2150	5.4	.094					5.1	.089					3.5	.061	.4	.007	-1.7	-.030	-6	-.010										
2151	4.3	.075	4.3	.075			2.6	.045	-5.3	-.092			3.8	.066	-5.0	-.087	-3.2	-.056	.7	.012										
2152	5.9	.103	5.6	.098	6.0	.105	-2	-.003	-8	-.014	-2.0	-.035	-3	-.005	.4	.007	-1.0	-.017	3.5	.061										
2153	5.3	.092	4.4	.077			-7	-.012	-6.1	-.106			.1	.002	-6.1	-.106	-2.4	-.042	-1.6	-.028										
2154	4.5	.079	4.9	.086			-1.1	-.019	-4.2	-.073			-1.8	-.031	-3.4	-.059	.1	.002	2.3	.040										
2155	6.2	.108	5.4	.094			6.6	.115	.6	.010			-4.0	-.070	11.3	.197	-5.0	-.087	5.0	.087										
2157	5.1	.089	4.9	.086			-2.0	-.035	-1.7	-.030			0.0	0.000	-4.6	-.080	-3.0	-.052	6.8	.119										
2158	3.4	.059					.1	.002					-2.0	-.035	3.0	.052	-2.4	-.042	4.1	.072										
2159	4.7	.082	4.3	.075			.6	.010	-3.2	-.056			-3	-.005	-3.3	-.058	-3.8	-.066	7.3	.127										
2161	4.6	.080	4.3	.075			1.4	.024	.6	.010			-3	-.005	6.8	.119	-3.1	-.054	9.4	.164										
2162	4.8	.084	4.9	.086			1.2	.021	2.6	.045			.7	.012	-5.4	-.094	0.0	0.000	2.8	.049										
2163	3.9	.068	4.3	.075			-3.3	-.058	-2.3	-.040			.5	.009	1.4	.024	-3.8	-.066	7.9	.138										

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LANDING DATA - MODEL F-18A										USS ENTERPRISE (CVN-65)					DAY LANDINGS					GS	
LN0G	OFF-CENTER	RAMP TO TD	WIRE	SIDE	LN0G	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC	ARR	GEAR	REREAD					
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	DEG	RAD	DEG	RAD	F	C	IN HG	MM HG	IN	CM	RUNOUTS	NUMBER		
FT	M	FT	M				KN	M/S													
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	
1170	-5	-2	242	74		567	70100	17	9	-1	-002	-9	-016	70	21	29.93	760.2	0	0.0	2	
1171	-11	-3	219	67	2	571	50120	17	9	-5	-009	-6	-010	70	21	29.93	760.2	168	426.7	2	
1172	-12	-4	241	73	2	567	50200	17	9	-2	-003	-2.4	-042	70	21	29.93	760.2	169	429.3	2	
1179	-11	-3	260	79	3	567	50120	17	9	-2	-003	-1.8	-031	70	21	29.93	760.2	165	419.1	0	
1184	-9	-3	245	75	2	571	50120	16	8	-2	-003	.7	.012	70	21	29.93	760.2	167	424.2	1	
1193	-8	-2	304	93	4	567	50120	15	8	-2	-003	.2	.003	70	21	29.93	760.2	168	426.7	0	
1195	-12	-4	249	76	3	571	50120	15	8	-4	-007	.3	.005	70	21	29.93	760.2	165	419.1	1	
1200	-5	-2	312	95		567	60200	15	8	-3	-005	-8	-014	70	21	29.93	760.2	0	0.0	1	
1207	-6	-2	291	89	4	571	50200	13	7	-3	-005	-2	-003	70	21	29.93	760.2	168	426.7	1	
1210	-10	-3	220	67	2	567	50120	13	7	-3	-005	2.0	.035	70	21	29.93	760.2	168	426.7	0	
1390	-1	0	248	76		572	70120	7	4	-1	-002	-3	-005	73	23	29.91	759.7	0	0.0	1	
1397	-7	-2	271	83	3	560	50120	6	3	-3	-005	-3.1	-054	73	23	29.91	759.7	168	426.7	1	
1402	-5	-2	250	76	3	551	50120	5	3	-2	-003	1.6	.028	73	23	29.91	759.7	169	429.3	1	
1403	-6	-2	236	72	3	560	50200	5	3	-3	-005	-1.7	-030	73	23	29.91	759.7	170	431.8	0	
1404	-18	-5	242	74	2	572	50100	5	3	-2	-003	-1.8	-031	73	23	29.91	759.7	170	431.8	1	
1406	-7	-2	200	61		557	70100	5	3	-4	-007	-7	-012	73	23	29.91	759.7	0	0.0	0	
1407	-4	-1	220	67		573	70120	5	3	-3	-003	.8	.014	73	23	29.91	759.7	0	0.0	0	
1408	-9	-3	322	98		551	60120	5	3	-2	-005	-1	-002	73	23	29.91	759.7	0	0.0	0	
1409	-11	-3	272	83	3	560	50120	5	3	-2	-003	.8	.014	73	23	29.91	759.7	169	429.3	1	
1411	-19	-6	215	66		557	70100	5	3	-4	-007	-4	-007	73	23	29.91	759.7	0	0.0	1	
1412	-13	-4	322	98		573	70120	5	3	-2	-003	-4	-007	73	23	29.91	759.7	0	0.0	0	
1418	-15	-5	221	87	3	572	50120	5	3	-4	-007	.4	.007	73	23	29.91	759.7	168	426.7	0	
1419	-5	-2	270	82	3	560	50120	5	3	-4	-007	-1.7	-030	73	23	29.91	759.7	165	419.1	0	
1420	-6	-2	296	90		577	70120	5	3	-4	-007	-7	-012	73	23	29.91	759.7	0	0.0	0	
1421	-10	-3	239	73	3	511	50100	5	3	-3	-005	-1.0	-017	73	23	29.91	759.7	166	421.6	0	
1422	-11	-3	278	85	4	551	50100	5	3	-4	-007	-1	-002	73	23	29.91	759.7	169	429.3	0	
1423	-14	-4	228	69	2	557	50100	5	3	-4	-007	-6	-010	73	23	29.91	759.7	169	429.3	1	
1424	-7	-2	280	85	4	573	50100	5	3	-1	-002	.3	.005	73	23	29.91	759.7	169	429.3	0	
1425	-14	-4	249	76	3	572	50120	5	3	-3	-005	-1.2	-021	73	23	29.91	759.7	169	429.3	0	
1427	-9	-3	237	72		567	70100	5	3	-3	-005	-1.3	-023	73	23	29.91	759.7	0	0.0	1	
1428	-12	-4	262	80	3	551	50120	5	3	0	0.000	-1.2	-021	73	23	29.91	759.7	168	426.7	0	
1430	-9	-3	247	75	3	577	50200	5	3	-5	-009	.2	.003	73	23	29.91	759.7	169	429.3	0	
1434	-10	-3	285	87	4	560	50200	5	3	-7	-012	-2.2	-038	73	23	29.91	759.7	169	429.3	0	
1435	-10	-3	229	70		567	70120	5	3	-4	-007	.8	.014	73	23	29.91	759.7	0	0.0	0	
1438	-7	-2	297	91	4	567	50120	5	3	-6	-010	-1	-002	73	23	29.91	759.7	167	424.2	0	
1439	-13	-4	313	95	4	573	50120	5	3	-5	-009	-2.1	-037	73	23	29.91	759.7	169	429.3	1	
1441	-9	-3	253	77	3	511	50120	5	3	-2	-003	-1.5	-026	73	23	29.91	759.7	170	431.8	0	
1442	-12	-4	241	73	2	557	80100	5	3	-3	-005	-1.0	-017	73	23	29.91	759.7	169	429.3	1	
1445	-8	-2	176	54	1	572	50120	5	3	-2	-003	-2.0	-035	73	23	29.91	759.7	169	429.3	0	
1446	-15	-5	227	69	2	511	50200	5	3	-4	-007	.8	.014	73	23	29.91	759.7	169	429.3	0	

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LANDING DATA - MODEL F-18A										USS ENTERPRISE (CVN-65)					DAY LANDINGS					GS																	
OFF-CENTER		RAMP TO TD		WIRE		SIDE		LNDG		FLAP		SHIP		DECK		PITCH		DECK ROLL		TEMP		BAROMETRIC		ARR GEAR		REREAD											
DISTANCE		DISTANCE		NO.		NO.		TYPE		CODE		SPEED		DEG		RAD		DEG		F		C		IN HG		MM HG		IN		CM		RUNOUTS		NUMBER			
FT		M		FT		M				KN		M/S		DEG		RAD		DEG		RAD		F		C		IN HG		MM HG		IN		CM		RUNOUTS		NUMBER	
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82																	
1448	-10	-3	293	89	4	557	50120	5	3	-2	-.003																										
1450	-10	-3	283	86	4	560	50120	5	3	-5	-.009																										
1452	-3	-1	312	95		552	70120	5	3	-1	-.002																										
1453	-8	-2	241	73		577	70120	5	3	-1	-.002																										
1454	-15	-5	292	89	4	511	50120	5	3	-2	-.003																										
1455	-6	-2	310	94	4	573	50120	5	3	-4	-.007																										
1456	6	2	294	90	4	552	50200	5	3	-2	-.003																										
1457	-17	-5	203	62	2	577	50120	5	3	-3	-.005																										
1459	-16	-5	204	62	2	557	50200	5	3	-3	-.005																										
1460	-14	-4	300	91	4	577	50120	5	3	-5	-.009																										
1461	-13	-4	204	62		572	70200	5	3	-2	-.003																										
1462	-8	-2	297	91		552	60120	5	3	-3	-.005																										
1463	-17	-5	227	69	3	557	50200	5	3	-3	-.005																										
1464	-12	-4	214	65		572	70200	5	3	-4	-.007																										
1466	-9	-3	289	88	4	572	50120	5	3	-6	-.010																										
1467	-5	-2	338	103		552	60120	5	3	-3	-.005																										
1468	-8	-2	247	75	3	577	50120	5	3	-2	-.003																										
1469	-10	-3	320	98		552	60120	5	3	-2																											

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LANDING DATA - MODEL F-18A

LNDC	NO.	DISTANCE		RAMP	TO TD	WIRE	SIDE	LNDC	FLAP	SHIP	DECK				ROLL	TEMP	BAROMETRIC				ARR	GEAR	REREAD	
		FT	M								DEG	PITCH	DEG	RAD			IN	HG	MM	HG				IN
NO.		FT	M							KN	M/S	DEG	RAD	DEG	RAD	F	C	IN	HG	MM	HG	IN	CM	NUMBER
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82				
1497	-9	-3	297	91	4	571	50200	11	6	-5	-009	1.3	.023	72	22	29.97	761.2	167	424.2	0				
1498	-4	-1	253	77	3	577	50120	11	6	-2	-003	-6	-.010	72	22	29.97	761.2	170	431.8	2				
1499	-12	-4	293	89	4	571	50200	11	6	-5	-009	-4	-.007	72	22	29.97	761.2	165	419.1	0				
1500	-12	-4	214	65		573	70120	11	6	-4	-007	1.0	.017	72	22	29.97	761.2	0	0.0	1				
1501	-8	-2	226	69	2	572	50200	12	6	-3	-005	.4	.007	72	22	29.97	761.2	170	431.8	0				
1502	-6	-2	317	97		573	70120	12	6	-5	-009	.7	.012	72	22	29.97	761.2	0	0.0	1				
1503	-10	-3	260	82	3	573	50120	12	6	-3	-005	.7	.012	72	22	29.97	761.2	170	431.8	1				
1504	-12	-4	227	69		567	70200	12	6	-3	-005	.5	.009	72	22	29.97	761.2	0	0.0	0				
1505	-15	-5	229	70		567	70120	12	6	-4	-007	.7	.012	72	22	29.97	761.2	0	0.0	2				
1507	-10	-3	243	74	2	571	50120	12	6	-2	-003	.6	.010	72	22	29.97	761.2	167	424.2	0				
1508	-13	-4	259	79	3	567	50120	12	6	-2	-003	.2	.003	72	22	29.97	761.2	170	431.8	0				
1512	-6	-2	248	76	3	572	50120	11	6	-3	-005	1.4	.024	72	22	29.97	761.2	168	426.7	0				
1514	-7	-2	244	74	3	573	50120	9	5	-2	-003	-3	-.005	72	22	29.97	761.2	169	429.3	0				
1515	-15	-5	258	79	3	571	50120	9	5	-5	-009	1.0	.017	72	22	29.97	761.2	169	429.3	0				
1516	-14	-4	230	70	2	577	50120	9	5	-2	-003	-9	-.016	72	22	29.97	761.2	169	429.3	0				
1518	-6	-2	317	97		567	60120	9	5	-3	-005	.7	.012	72	22	29.97	761.2	0	0.0	1				
1519	-7	-2	187	55	2	572	50200	8	4	-5	-009	.3	.005	72	22	29.97	761.2	168	426.7	0				
1521	-6	-2	297	91	4	551	50120	8	4	-6	-010	.2	.003	72	22	29.97	761.2	168	426.7	1				
1522	-19	-6	218	66	2	567	50120	7	4	-4	-007	.5	.009	72	22	29.97	761.2	168	426.7	1				
1523	-20	-6	234	71	2	577	50120	7	4	-1	-002	.6	.010	72	22	29.97	761.2	168	426.7	1				
1526	-6	-2	238	73	2	551	50120	7	4	-3	-005	.5	.009	72	22	29.97	761.2	168	426.7	1				
1528	-18	-5	249	76	2	577	50120	7	4	-3	-005	.1	.002	73	23	29.97	761.2	168	426.7	1				
1529	-4	-1	234	71	2	551	50120	7	4	-2	-003	-7	-.012	73	23	29.97	761.2	168	426.7	0				
1531	-12	-4	204	62	2	577	50200	7	4	-6	-010	-8	-.014	73	23	29.97	761.2	169	429.3	1				
1532	-5	-2	327	100		567	60120	7	4	-4	-007	-1.3	-.023	73	23	29.97	761.2	170	431.8	1				
1533	-2	-1	316	96	4	572	50120	7	4	-3	-005	.5	.009	73	23	29.97	761.2	168	426.7	0				
1534	-15	-5	248	76	3	571	50120	7	4	-3	-005	.6	.010	73	23	29.97	761.2	170	431.8	1				
1535	-7	-2	241	73	3	551	50200	8	4	-3	-005	.7	.012	73	23	29.97	761.2	170	431.8	0				
1536	-14	-4	252	77	2	567	50120	8	4	-4	-007	-1.0	-.010	73	23	29.97	761.2	169	429.3	0				
1537	-11	-3	264	80	3	573	50100	8	4	-4	-007	-7	-.012	73	23	29.97	761.2	170	431.8	0				
1539	-12	-4	230	70	3	572	50100	8	4	-5	-009	-2.6	-.045	73	23	29.97	761.2	170	431.8	0				
1540	-4	-1	271	83	3	551	50120	8	4	-1	-002	-1.0	-.017	73	23	29.97	761.2	169	429.3	1				
1541	-12	-4	200	85	3	567	50120	8	4	-6	-010	.1	.002	73	23	29.97	761.2	169	429.3	0				
1542	-10	-3	341	104		571	60120	8	4	-7	-012	-7	-.012	73	23	29.97	761.2	0	0.0	0				
1543	-8	-2	326	99	4	573	50120	8	4	-7	-012	-4	-.007	73	23	29.97	761.2	169	429.3	0				
1544	-13	-4	253	77	3	571	50120	8	4	-2	-003	-6	-.010	73	23	29.97	761.2	170	431.8	0				
1545	-12	-4	241	73	2	551	80120	8	4	-2	-003	-9	-.016	73	23	29.97	761.2	169	429.3	0				
1546	-9	-3	257	78	3	567	50120	8	4	-6	-010	-7	-.010	73	23	29.97	761.2	170	431.8	0				
1824	-12	-4	249	76	3	573	50120	11	6	-4	-007	-1.6	-.028	69	21	29.95	760.7	170	431.8	0				
1825	-12	-4	269	82	3	544	50100	12	6	-4	-007	-2.0	-.035	69	21	29.95	760.7	169	429.3	0				

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LANDING DATA - MODEL F-18A										USS ENTERPRISE (CVN-65)					DAY LANDINGS				GS				
LN0G	NO.	OFF-CENTER		RAMP TO TD	WIRE	SIDE	LN0G	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC				ARR	GEAR	REREAD		
		DISTANCE	FT												M	NO.	NO.	TYPE				CODE	KN
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82			
1826	-10	-3	224	68	3	560	50120	11	6	-4	-007	-2.2	-038	69	21	29.95	760.7	168	426.7	0			
1827	-7	-2	278	85	4	543	50100	11	6	-5	-009	-1.7	-030	69	21	29.95	760.7	168	426.7	0			
1828	-4	-1	340	104		573	60120	11	6	-3	-005	-1.0	-017	69	21	29.95	760.7	0	0.0	0			
1829	-11	-3	245	75	3	560	50120	11	6	-3	-005	-1.0	-017	69	21	29.95	760.7	170	431.8	0			
1830	-7	-2	236	72		573	50200	11	6	-6	-010	-7	-012	69	21	29.95	760.7	168	426.7	0			
1831	-15	-5	182	55	4	577	50120	11	6	-4	-007	-2.4	-042	69	21	29.95	760.7	167	424.2	2			
1832	-11	-3	262	80	3	571	50200	11	6	-3	-005	-1.4	-024	69	21	29.95	760.7	170	431.8	2			
1833	-2	-1	261	80	3	543	50120	11	6	-2	-003	-1.0	-017	69	21	29.95	760.7	168	426.7	2			
1834	-12	-4	288	88	4	544	50120	11	6	-6	-010	-1.4	-024	69	21	29.95	760.7	167	424.2	1			
1836	-11	-3	259	79	3	543	50200	11	6	-5	-009	1.2	.021	69	21	29.95	760.7	169	429.3	1			
1837	-10	-3	208	63	3	573	50120	11	6	-3	-005	1.5	.026	69	21	29.95	760.7	169	429.3	0			
1838	-11	-3	207	63	3	560	50120	11	6	-4	-007	0.0	0.000	69	21	29.95	760.7	170	431.8	0			
1839	-10	-3	211	64	3	577	50120	11	6	-5	-009	-5	-009	69	21	29.95	760.7	167	424.2	0			
1840	-7	-2	250	76	3	572	50120	11	6	-3	-005	-8	-014	69	21	29.95	760.7	169	429.3	0			
1842	-9	-3	271	83	4	571	50200	11	6	-5	-009	-3	-005	69	21	29.95	760.7	168	426.7	0			
1843	-12	-4	271	83	3	544	50100	11	6	-7	-012	-4	-007	69	21	29.95	760.7	168	426.7	0			
1844	-12	-4	155	47	3	511	50200	11	6	-4	-007	.4	.007	69	21	29.95	760.7	169	429.3	0			
1845	-7	-2	286	87	4	543	50120	11	6	-6	-010	-3	-005	69	21	29.95	760.7	168	426.7	0			
1846	-2	-1	241	73	3	573	50200	11	6	-3	-005	-8	-014	69	21	29.95	760.7	167	424.2	0			
1847	-9	-3	260	79	3	560	50120	11	6	-5	-009	-9	-016	69	21	29.95	760.7	167	424.2	0			
1853	-9	-3	284	80	3	543	50120	11	6	-6	-010	-6	-010	69	21	29.95	760.7	168	426.7	0			
1854	-7	-2	290	88	4	544	50120	11	6	-4	-007	-2.1	-037	69	21	29.95	760.7	167	424.2	0			
1855	-8	-2	259	79	3	572	50120	11	6	-2	-003	-2.1	-002	69	21	29.95	760.7	168	426.7	0			
1857	-11	-3	198	60	3	577	50120	11	6	-4	-007	-7	-012	69	21	29.95	760.7	166	421.6	0			
1859	-9	-3	275	84	3	577	50120	11	6	-7	-012	-2.4	-042	69	21	29.95	760.7	168	426.7	1			
1861	-10	-3	224	68	3	571	50200	11	6	-4	-007	-6	-010	69	21	29.95	760.7	167	424.2	0			
2111	-12	-4	298	91	4	577	50120	12	6	-1	-002	-9	-016	70	21	29.97	761.2	168	426.7	0			
2112	-5	-2	328	100		560	60120	12	6	-3	-005	-5	-009	70	21	29.97	761.2	0	0.0	0			
2113	-9	-3	266	81	3	560	50120	12	6	-2	-003	-1.7	-030	70	21	29.97	761.2	170	431.8	0			
2114	-21	-6	232	71	3	572	50100	12	6	-5	-009	.1	.002	70	21	29.97	761.2	167	424.2	1			
2115	-11	-3	268	82	4	511	50120	12	6	-2	-003	-2.1	-037	70	21	29.97	761.2	169	429.3	0			
2116	-10	-3	288	88		544	50120	0	0	-3	-005	-8	-014					0	0.0	0			
2118	-9	-3	304	93	4	577	50120	12	6	-3	-005	.6	.010	70	21	29.97	761.2	169	429.3	0			
2119	-9	-3	251	77	3	560	50120	12	6	-2	-003	-1.2	-021	70	21	29.97	761.2	170	431.8	0			
2121	-16	-5	274	84	4	572	50100	12	6	-2	-003	-5	-009	70	21	29.97	761.2	167	424.2	0			
2122	-14	-4	193	59	2	573	50120	12	6	-3	-005	.1	.002	70	21	29.97	761.2	169	429.3	0			
2123	-12	-4	233	71	2	511	50200	12	6	-2	-003	-1.2	-021	70	21	29.97	761.2	168	426.7	0			
2124	-7	-2	245	75	3	551	50120	12	6	-2	-003	-2.3	-040	69	21	29.97	761.2	168	426.7	1			
2125	-11	-3	211	64	2	567	50120	12	6	-4	-007	-1	-002	69	21	29.97	761.2	167	424.2	0			
2126	-10	-3	270	82	3	560	50120	12	6	-2	-003	-1.7	-030	69	21	29.97	761.2	168	426.7	1			

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LANDING DATA - MODEL F-18A										USS ENTERPRISE (CVN-65)					DAY LANDINGS					GS			
LNDG NO.	OFF-CENTER		RAMP TO TD	WIRE SIDE	LNDG NO.	TYPE	FLAP	SHIP	DECK PITCH		DECK ROLL		TEMP	BAROMETRIC				ARR GEAR	REREAD				
	DISTANCE	DISTANCE							NO.	NO.	FT	M		IN HG	MM HG	IN	CM			PRESSURE	RUNOUTS	NUMBER	
	FT	M	FT	M				KN	M/S	DEG	RAD	DEG	RAD	F	C	IN HG	MM HG	IN	CM				
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82			
2127	-20	-6	241	73	3	572	50100	12	6	-1	-.002	-.8	-.014	69	21	29.97	761.2	167	424.2	1			
2128	-6	-2	253	77	3	573	50120	12	6	-3	-.005	.9	.016	69	21	29.97	761.2	169	429.3	0			
2129	-11	-3	278	85	4	511	50200	12	6	-3	-.005	0.0	0.000	69	21	29.97	761.2	167	424.2	0			
2130	-10	-3	187	57	2	543	50120	12	6	-4	-.007	-1.1	-.019	69	21	29.97	761.2	170	431.8	0			
2131	-14	-4	220	67	2	567	50120	12	6	-2	-.003	.9	.016	69	21	29.97	761.2	169	429.3	0			
2133	-5	-2	221	67	2	500	50120	12	6	-3	-.005	-.4	-.007	69	21	29.97	761.2	168	426.7	2			
2134	-17	-5	244	74	3	572	50100	12	6	-2	-.003	.3	.005	69	21	29.97	761.2	169	429.3	1			
2135	-16	-5	203	62	2	573	50120	12	6	-2	-.003	.5	.009	69	21	29.97	761.2	169	429.3	1			
2136	-6	-2	232	71	2	577	50120	12	6	-2	-.003	-1.1	-.019	69	21	29.97	761.2	169	429.3	0			
2137	-6	-2	259	79	2	543	50200	12	6	-2	-.003	-1.1	-.019	69	21	29.97	761.2	169	429.3	1			
2139	-12	-4	230	70	2	573	50120	12	6	-3	-.005	-.1	-.002	69	21	29.97	761.2	169	429.3	0			
2140	-3	-1	258	79	3	544	50120	12	6	-2	.003	-.1	-.002	69	21	29.97	761.2	170	431.8	0			
2142	-9	-3	291	89	4	567	50120	12	6	-1	-.002	-1.1	-.019	69	21	29.97	761.2	166	421.6	0			
2143	-7	-2	164	50	2	560	50200	12	6	-1	-.002	.6	.010	69	21	29.97	761.2	170	431.8	1			
2144	-10	-3	274	84	3	511	50120	12	6	-4	-.007	-.8	-.014	69	21	29.97	761.2	170	431.8	0			
2145	-2	-1	330	101		544	60120	12	6	-2	-.003	-.2	-.003	69	21	29.97	761.2	0	0	0			
2146	-7	-2	255	78	3	500	50120	12	6	-2	-.003	0.0	0.000	69	21	29.97	761.2	167	424.2	0			
2147	-7	-2	229	70	2	544	50120	12	6	-4	-.007	-1.2	-.021	69	21	29.97	761.2	169	429.3	2			
2148	-11	-3	281	80	3	511	50120	12	6	-5	-.009	-.1	-.002	69	21	29.97	761.2	170	431.8	0			
2150	-3	-1	194	50	2	572	50200	12	6	0.0	0.000	-.6	-.010	69	21	29.97	761.2	168	426.7	0			
2151	-12	-4	262	80	3	544	50200	12	6	-5	-.009	-.9	-.016	69	21	29.97	761.2	161	408.9	0			
2152	-15	-5	239	73	2	511	80100	12	6	-1	-.002	-.6	-.010	69	21	29.97	761.2	169	429.3	2			
2153	-11	-3	222	68	2	573	50120	12	6	-1	-.002	.7	.012	69	21	29.97	761.2	168	426.7	0			
2154	-7	-2	212	65	2	572	50120	12	6	-4	-.007	0.0	0.000	69	21	29.99	761.7	170	431.8	0			
2155	-14	-4	175	53	2	567	50200	12	6	-2	-.003	.5	.009	69	21	29.97	761.2	169	429.3	1			
2157	-11	-3	200	80	4	511	50120	12	6	-5	-.009	.9	.016	69	21	29.97	761.2	168	426.7	1			
2158	-8	-2	253	77	3	577	50120	12	6	0.0	0.000	-.8	-.014	69	21	29.97	761.2	169	429.3	0			
2159	-7	-2	269	82	3	572	50120	12	6	-3	-.005	-.2	-.003	69	21	29.97	761.2	169	429.3	0			
2161	-14	-4	211	64	2	567	50120	12	6	-2	-.003	-.7	-.012	69	21	29.97	761.2	169	429.3	0			
2162	-5	-2	229	70	2	577	50120	12	6	-5	-.009	-.2	-.003	69	21	29.97	761.2	169	429.3	2			
2163	-8	-2	252	77	3	573	50100	12	6	-3	-.005	.8	.014	69	21	29.97	761.2	168	426.7	0			

# **F-18 NIGHT**

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LNDC NO.	VPAF TD	LANDING DATA - MODEL F-18A										USS ENTERPRISE (CVN-65)				NIGHT LANDINGS				WEIGHT	
		VE-FILM		WIND-VEL		PERP.	VEOR		VPAMIN		VSP-A		KVPA	KV	SP' A	TD	LIFT	LIFT	FF	LBS	KG
		KN	M/S	KN	M/S		KN	M/S	KN	M/S	KN	M/S									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
8393	143	74	123	63	20	10	3	2	136	70					1.05		1.00		31454	14268	
8398	144	74	122	63	22	11	4	2	133	68					1.08		1.20	1.00	30354	13769	
8643	145	75	123	63	22	11	2	1	136	70					1.06		1.20		31554	14313	
9386	153	79	123	63	30	15	5	3	137	70					1.11		.90		32154	14585	
9389	153	79	123	63	30	15	5	3	137	70					1.11		1.10		32154	14585	
9390	150	77	120	62	30	15	5	3	137	70					1.09		1.10		32054	14540	
9391	154	79	124	64	30	15	5	3	137	70					1.12		1.20		32054	14540	
9395	140	72	120	62	20	10	3	2	133	68					1.06		.90		29954	13587	
9396	135	69	115	59	20	10	3	2	133	68					1.01		1.10		29954	13587	
9398	136	70	114	59	22	11	4	2	134	69					1.01		.90		30754	13950	
9400	136	71	116	60	22	11	4	2	133	68					1.04		1.10		30354	13769	
9401	137	70	115	59	22	11	4	2	133	68					1.03		1.00		29954	13587	
9406	136	70	114	59	22	11	4	2	137	70					.99		.90		31854	14449	
9408	144	74	120	62	24	12	4	2	135	69					1.07		1.20		30954	14041	
9410	146	75	122	63	24	12	4	2	136	70					1.07		1.10		31554	14313	
9416	144	74	121	62	23	12	4	2	133	68					1.08		.90		30254	13723	
9417	154	79	126	65	28	14	5	3	135	69					1.14		.90		31254	14177	
9418	147	76	120	62	27	14	5	3	133	68					1.10		.90		30054	13632	
9419	144	74	117	60	27	14	5	3	133	68					1.09		.90		29954	13587	
9420	147	76	120	62	27	14	5	3	135	69					1.09		1.00		31154	14131	
9424	142	73	119	61	23	12	4	2	135	69					1.06		1.00		30954	14041	
9425	143	74	120	62	23	12	4	2	134	69					1.07		1.00		30454	13814	
9431	148	76	123	63	25	13	4	2	135	69					1.10		1.10		31154	14131	
9432	160	82	135	69	25	13	4	2	136	70					1.17		1.10		31454	14268	
9435	149	77	122	63	27	14	5	3	132	68					1.13		1.00		29754	13496	
9446	160	82	133	68	27	14	5	3	139	72					1.15		1.00		33054	14993	
9452	151	78	121	62	30	15	5	3	141	73					1.07		1.00		33954	15402	
9466	140	72	110	57	30	15	5	3	134	69					1.05		1.10		30454	13814	
9510	152	78	125	64	27	14	2	1	136	70					1.12		1.10		31554	14313	
9511	146	75	119	61	27	14	2	1	133	68					1.10		1.30		30054	13632	
9516	143	74	115	59	28	14	2	1	130	67					1.10		.90		28954	13134	
9518	145	75	121	62	24	12	2	1	136	70					1.07		.90		31354	14222	
9521	147	76	120	62	27	14	2	1	131	67					1.12		1.30		29254	13270	
9524	160	82	133	68	27	14	2	1	136	70					1.17		1.20		31754	14404	
9531	138	71	112	58	26	13	2	1	130	67					1.06		1.00		28954	13134	
9532	160	82	134	69	26	13	2	1	134	69					1.20		1.10		30454	13814	
9535	153	79	126	65	27	14	2	1	133	68					1.15		1.10		29954	13587	
9536	160	82	130	67	30	15	3	2	133	68					1.20		1.10		30254	13723	
9537	151	78	121	62	30	15	3	2	132	68					1.14		1.10		29654	13451	
9538	161	83	132	68	29	15	3	2	138	71					1.17		1.20		32654	14812	



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NIGHT LANDINGS

USS ENTERPRISE (CVN-65)

LANDING DATA - MODEL F-10A

LNDG NO.	VPAF TD	VE-FILM		WIND-VEL		PERP.	VEOR		VPAMIN		VSP'A		KVPA		KV	LIFT		LIFT	WEIGHT	
		KN	M/S	KN	M/S		KN	M/S	KN	M/S	KN	M/S	MIN	SP		A	TD		FF	LBS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
9340	148	76	119	61	29	15	3	2			131	67			1.12		1.00		29454	13360
9341	146	75	117	60	29	15	3	2			136	70			1.07		1.00		31754	14404
9344	136	70	109	56	27	14	2	1			134	69			1.02		.90		30454	13814
9346	153	79	126	65	27	14	2	1			138	71			1.11		1.10		32354	14676
9349	153	79	126	65	27	14	2	1			133	68			1.15		1.20		30154	13678
9350	142	73	115	59	27	14	2	1			133	68			1.07		1.10		30054	13632
9352	150	77	123	63	27	14	2	1			133	68			1.13		1.20		30054	13632
9357	142	73	115	59	27	14	2	1			136	70			1.04		1.00		31554	14313
9358	157	81	130	67	27	14	2	1			134	69			1.17		1.20		30554	13859
9362	148	76	118	61	30	15	3	2			135	69			1.10		1.00		31054	14086
9363	152	78	122	63	30	15	3	2			136	70			1.12		1.00		31454	14268
9367	150	77	120	62	30	15	3	2			137	70			1.10		1.00		32054	14540
9368	157	81	127	65	30	15	3	2			136	70			1.15		1.10		31554	14313
9371	156	80	126	65	30	15	3	2			132	68			1.18		1.20		29654	13451
9372	149	77	119	61	30	15	3	2			134	69			1.11		1.00		30754	13950
9373	154	79	124	64	30	15	3	2			135	69			1.14		1.00		30954	14041
9374	155	80	125	64	30	15	3	2			135	69			1.15		1.10	1.10	30854	13995
9376	142	73	112	58	30	15	3	2			133	68			1.07		.90		30354	13769
9378	147	76	117	60	30	15	3	2			132	68			1.11		1.10		29654	13451
9379	145	75	115	59	30	15	3	2			137	70			1.06		1.30		32054	14540
9380	146	75	116	60	30	15	3	2			130	67			1.12		.90		28954	13134
9384	150	77	122	63	28	14	2	1			133	68			1.12		1.00		30354	13769
9385	148	76	120	62	28	14	2	1			136	70			1.08		1.20		31754	14404
9386	147	76	119	61	28	14	2	1			136	70			1.08		1.00		31754	14404
9388	151	78	123	63	28	14	2	1			136	70			1.10		1.10		31754	14404
9391	144	74	116	60	28	14	2	1			134	69			1.07		1.00		30754	13950
9392	153	79	125	64	28	14	2	1			135	69			1.13		1.00		31154	14131
9394	156	80	128	66	28	14	2	1			136	70			1.15		1.00		31454	14268
9395	149	77	121	62	28	14	2	1			135	69			1.10		.90		31254	14177
9396	151	78	123	63	28	14	2	1			134	69			1.13		1.00		30454	13814
9397	151	78	123	63	28	14	2	1			134	69			1.13		1.00		30454	13814
9643	151	78	129	66	22	11	2	1			137	70			1.10		1.10		31954	14494
9645	139	72	119	61	20	10	2	1			136	70			1.03		1.30		31354	14222
9649	141	73	116	60	25	13	2	1			133	68			1.07		1.30		29954	13587
9656	147	76	127	65	20	10	2	1			138	71			1.06		1.10		32454	14721
9661	145	75	123	63	22	11	2	1			134	69			1.09		1.20		30554	13859

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LNDC	LANDING DATA - MODEL F-18A										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS			
	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD										WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE	F/S	M/S	F/S	M/S	PORT	F/S	M/S	STBD	F/S	M/S	AVG	F/S	M/S	FREE-FLIGHT	DEG	BHW	DEG	BW	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40						
8393	10.2	3.1	10.7	3.2	8.8	2.7	9.7	3.0									2.5	.043						
8398	9.2	2.8	7.3	2.2	6.5	2.0	6.9	2.1	8.4	2.5							1.7	.030						
8643	11.9	3.6	11.5	3.5	11.0	3.3	11.2	3.4									2.8	.049						
9386	15.2	4.6	17.9	5.5	17.2	5.2	17.9	5.5									4.4	.078						
9389	12.0	3.6	11.2	3.4	12.2	3.7	11.7	3.6									2.8	.049						
9390	4.4	1.4	9.8	3.0	9.5	2.9	9.7	2.9									1.9	.034						
9391	12.8	3.9	13.3	4.1	12.7	3.9	13.0	4.0									2.9	.050						
9395	10.9	3.3	15.1	4.6	16.9	5.2	16.0	4.9									4.0	.070						
9396	6.6	2.0	8.0	2.4	6.6	2.0	7.3	2.2									2.1	.036						
9398	14.1	4.3	14.9	4.5	14.7	4.5	14.8	4.5									4.0	.070						
9400	11.3	3.4	10.7	3.3	10.4	3.2	10.5	3.2									2.8	.048						
9401	11.0	3.3	10.8	3.3	10.7	3.3	10.8	3.3									3.1	.054						
9406	11.3	3.4	11.7	3.6	13.8	4.2	13.5	4.1									3.7	.065						
9408	10.8	3.3	10.5	3.2	11.4	3.5	11.2	3.4									2.6	.045						
9410	9.2	2.8	8.8	2.7	10.2	3.1	9.5	2.9									2.2	.039						
9416	9.5	2.9	13.2	4.0	9.2	2.8	9.7	3.0									2.6	.046						
9417	14.0	4.3	15.0	4.6	14.8	4.5	15.5	4.7									3.8	.066						
9418	12.6	3.8	12.2	3.7	11.5	3.5	12.3	3.8									3.1	.054						
9419	8.0	2.7	10.7	3.2	9.7	2.9	10.2	3.1									2.8	.050						
9420	8.9	2.7	12.6	3.8	13.3	4.0	13.1	4.0									3.5	.061						
9424	13.3	4.1	13.5	4.1	14.8	4.5	14.1	4.3									3.4	.060						
9425	13.2	4.0	14.2	4.3	13.9	4.2	14.0	4.3									3.3	.057						
9431	9.8	3.0	11.6	3.5	11.8	3.6	11.7	3.6									2.8	.049						
9432	9.5	2.9	8.3	2.5	10.6	3.2	9.5	2.9									1.9	.033						
9435	6.1	1.9	6.5	2.0	6.1	1.9	6.1	1.9									1.5	.026						
9446	8.1	2.5	9.0	2.7	11.7	3.6	11.2	3.4									2.1	.036						
9452	8.5	2.6	10.4	3.2	10.8	3.3	10.6	3.2									2.2	.038						
9466	6.8	2.1	6.7	2.0	9.4	2.9	8.4	2.6									2.2	.038						
9510	7.8	2.4	9.2	2.8	8.9	2.7	9.0	2.8									2.2	.038						
9511	6.9	2.1	10.8	3.3	9.1	2.8	10.0	3.0									2.4	.042						
9516	11.4	3.5	13.2	4.0	11.7	3.6	12.4	3.8									3.2	.057						
9518	11.9	3.6	13.8	4.2	14.5	4.4	14.5	4.4									3.8	.066						
9521	8.7	2.7	11.9	3.6	7.2	2.2	9.2	2.8									2.1	.037						
9524	5.0	1.5	5.3	1.6	4.5	1.4	5.0	1.5									.5	.008						
9531	9.4	2.9	9.1	2.8	9.2	2.8	9.1	2.8									2.3	.039						
9532	9.5	2.9	10.2	3.1	11.1	3.4	10.7	3.2									2.4	.042						
9535	7.6	2.3	6.9	2.1	8.4	2.6	8.2	2.5									1.9	.033						
9536	12.3	3.7	12.6	3.8	11.6	3.5	12.1	3.7									2.9	.050						
9537	8.5	2.6	7.7	2.3	8.9	2.7	7.9	2.4									1.9	.033						
9538	9.4	2.9	10.0	3.0	8.4	2.6	9.2	2.8									2.2	.038						

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LNDG	LANDING DATA -- MODEL F-18A										USS ENTERPRISE (CVN-65)				NIGHT LANDINGS			
	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT			
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP		OVER RAMP	
NO	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
9540	9.7	2.9	10.5	3.2	9.7	2.9	10.7	3.2					2.6	.046				
9541	8.8	2.7	9.2	2.8	9.2	2.8	9.2	2.8					2.3	.040				
9544	11.3	3.4	16.7	5.1	16.1	4.9	16.4	5.0					4.6	.080				
9546	10.0	3.1	10.4	3.2	9.5	2.9	10.0	3.0					2.2	.038				
9549	12.8	3.9	13.2	4.0	11.7	3.6	13.9	4.2					3.3	.058				
9550	9.2	2.8	11.4	3.5	9.0	2.7	10.3	3.1					2.5	.044				
9552	5.8	1.8	5.3	1.6	4.9	1.5	4.9	1.5					1.2	.022				
9557	13.0	4.0	12.4	3.8	11.9	3.6	12.2	3.7					3.3	.057				
9558	7.9	2.4	10.4	3.2	8.3	2.5	9.1	2.8					2.4	.041				
9562	12.6	3.8	12.9	3.9	13.2	4.0	13.5	4.1					3.3	.057				
9563	8.8	2.7	10.7	3.3	10.9	3.3	10.8	3.3					2.5	.044				
9567	8.8	2.7	9.1	2.8	9.3	2.8	9.2	2.8					2.5	.043				
9568	6.7	2.0	5.1	1.6	8.1	2.5	6.7	2.0					1.7	.030				
9571	6.1	1.9	8.1	2.5	9.2	2.8	8.6	2.6					2.1	.037				
9572	7.6	2.3	8.0	2.4	6.3	1.9	7.2	2.2					1.5	.027				
9573	7.2	2.2	10.0	3.1	9.3	2.8	10.1	3.1					2.6	.045				
9574	9.6	2.9	10.2	3.1	11.0	3.3	10.6	3.2	10.6	3.2			2.2	.038				
9576	9.6	2.9	9.3	2.8	10.5	3.2	10.3	3.1		3.2			2.9	.050				
9578	8.8	2.7	10.4	3.2	9.2	2.8	9.8	3.0					2.3	.041				
9579	4.2	1.3	6.1	1.9	6.6	2.0	6.1	1.9					1.4	.024				
9580	10.9	3.3	12.7	3.9	11.4	3.5	12.1	3.7					3.0	.053				
9584	7.7	2.4	9.5	2.9	9.0	2.7	9.2	2.8					2.0	.036				
9585	9.4	2.9	8.8	2.7	8.6	2.6	8.7	2.7					2.2	.038				
9586	10.2	3.1	11.7	3.6	12.1	3.7	11.9	3.6					2.8	.049				
9588	11.4	3.5	9.7	3.0	11.3	3.4	10.5	3.2					2.5	.044				
9591	12.4	3.8	12.8	3.9	13.9	4.2	13.1	4.0					3.4	.060				
9592	9.6	2.9	10.3	3.1	10.4	3.2	10.7	3.3					2.3	.040				
9594	6.2	1.9	7.3	2.2	9.5	2.9	8.4	2.6					2.0	.036				
9595	10.7	3.3	12.7	3.9	14.6	4.4	13.6	4.1					3.5	.061				
9596	10.6	3.2	10.1	3.1	10.0	3.0	9.7	3.0					2.4	.042				
9597	12.5	3.8	10.9	3.3	14.0	4.3	12.3	3.9					2.9	.050				
9643	13.9	4.2	15.0	4.6	16.3	5.0	15.7	4.8					3.9	.069				
9645	11.8	3.6	13.6	4.1	14.3	4.4	14.1	4.3					3.7	.065				
9649	3.2	1.0	8.5	2.6	7.4	2.3	7.9	2.4					2.1	.037				
9656	11.4	3.5	8.6	2.6	11.5	3.5	11.3	3.4					2.7	.048				
9661	11.7	3.6	13.9	4.2	13.2	4.0	14.1	4.3					3.8	.066				

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REMARKS

USE ENTIRE PAGE (OPTIONAL)

LOADING DATA - MODEL POSITION

LNCG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	NO	TD	OR	FF	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
8393	4.3	.075			6.3	.110	.6	.010			2.2	.038	0.0	0.000	10.7	.187	-3.8	-.066	8.5	.148				
8398	6.1	.106					.5	.009					1.4	.024	4.0	.070	-.1	-.002	-1.6	-.028				
8643	3.6	.063					-1.0	-.017					1.3	.023	2.8	.049	-5.3	-.092	3.1	.054				
9386	4.0	.070					-.3	-.005					-5.3	-.092	.2	.003	-3.0	-.052	8.0	.140				
9389	4.4	.077					1.3	.023					4.7	.082	-5.4	-.094	-3.4	-.059	2.2	.038				
9390	6.6	.115					-1.4	-.007					2.5	.044	1.6	.028	-3.2	-.056	.7	.012				
9391	4.0	.070					1.2	.021					3.2	.056	3.6	.063	-1.4	-.024	3.7	.065				
9395	4.3	.075					3.6	.063					-6.1	-.106	-10.1	-.176	-4.8	-.084	3.1	.054				
9396	4.5	.079					-2.2	-.003					.5	.009	7.8	.136	-2.9	-.051	6.3	.110				
9398	1.3	.023					0.0	0.000					0.0	0.000	1.5	.026	-2.8	-.049	6.9	.120				
9400	3.8	.066					-9	-.016					2.9	.051	2.0	.035	-5.1	-.089	10.8	.188				
9401	4.1	.072					1.5	.026					2.3	.040	.8	.014	-6.3	-.110	7.5	.131				
9406	5.2	.091					4.7	.082					-3.3	-.058	-4.2	-.073	-5.3	-.092	4.2	.073				
9408	5.4	.094					.5	.009					-.3	-.005	-1.6	-.028	-4.6	-.080	2.9	.051				
9410	5.9	.103					.8	.014					-1.8	-.031	-7.9	-.138	-5.9	-.103	4.6	.080				
9416	3.5	.061					7.8	.136					2.9	.051	6.5	.113	-4.6	-.080	8.0	.140				
9417	3.3	.058					-6	-.010					-3.1	-.054	-6.1	-.106	-4.0	-.070	3.1	.054				
9418	2.8	.049					.3	.005					2.1	.037	-1.2	-.021	-5.2	-.091	4.7	.082				
9419	5.6	.098					-5	-.009					-1.3	-.023	5.7	.099	-6.2	-.108	4.9	.086				
9420	6.1	.106					-2.1	-.037					-4.9	-.086	-5.5	-.096	-1.7	-.030	-3.4	-.059				
9424	5.0	.087					.3	.005					0.0	0.000	-7.3	-.127	-8.2	-.143	11.7	.204				
9425	5.3	.092					-.9	-.016					.5	.009	1.8	.031	-3.3	-.058	.3	.005				
9431	4.9	.086					-2.0	-.035					.6	.010	-1.1	-.019	-5.2	-.091	3.2	.056				
9432	4.3	.075					.6	.010					2.0	.035	-12.7	-.222	-6.8	-.119	11.3	.197				
9435	4.3	.075					1.7	.030					0.0	0.000	-.2	-.003	-3.8	-.066	4.1	.072				
9446	4.4	.077					1.2	.021					4.7	.082	-5.6	-.098	-8.8	-.154	10.5	.183				
9452	4.0	.070					-1.7	-.030					2.0	.035	-2.5	-.044	-4.6	-.080	.2	.003				
9466	4.4	.077					4.5	.079					4.8	.084	-10.9	-.190	-7.0	-.122	7.6	.133				
9510	4.8	.084					1.2	.021					-.4	-.007	1.4	.024	-4.1	-.072	1.7	.030				
9511	5.4	.094					-1.3	-.023					6.6	.115	9.3	.162	-5.1	-.089	4.2	.073				
9516	4.0	.070					1.9	.033					-.6	-.010	8.4	.147	-3.3	-.058	1.1	.019				
9518	3.9	.068					-1.2	-.021					-2.1	-.037	-7.3	-.127	-4.3	-.075	6.3	.110				
9521	4.0	.070					-8.7	-.152					1.0	.017	30.3	.529	2.3	.040	-1.9	-.033				
9524	5.3	.092					1.9	.033					0.0	0.000	5.6	.098	-3.3	-.058	.6	.010				
9531	4.8	.084					0.0	0.000					-1.7	-.030	-.9	-.016	1.2	.021	.9	.016				
9532	4.8	.084					-5	-.009					-.3	-.005	-4.8	-.084	.3	.005	-2.2	-.038				
9535	3.9	.068					2.1	.037					2.9	.051	-2.0	-.035	-1.7	-.030	.3	.005				
9536	3.4	.059					-.3	-.005					0.0	0.000	5.8	.101	-1.0	-.017	2.4	.042				
9537	4.4	.077					2.3	.040					3.5	.061	-11.1	-.194	-4.1	-.072	3.5	.061				
9538	4.5	.079					2.5	.044					3.9	.068	8.8	.154	-3.1	-.054	-1.6	-.028				

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## NIGHT LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL F-18A

LNDC	NO	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
		TD	OR	DEG	RAD	TD	OR	DEG	RAD	FF	AT	TD	DEG	AT	TD	DEG	RAD	AT	TD	DEG	RAD	AT	TD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61					
9540	3.7	.065					-3.6	-.063					0.0	0.000	-1.9	-.033	-2.6	-.045	5.1	.089					
9541	4.4	.077					.2	.003					0.0	0.000	-.2	-.003	-3.7	-.065	6.8	.119					
9544	6.0	.105					1.0	.017					-2.6	-.045	3.0	.052	-6.0	-.105	1.9	.033					
9546	4.1	.072					.4	.007					.7	.012	5.1	.089	-3.0	-.052	.2	.003					
9549	5.0	.087					-7.0	-.122					2.0	.035	-7.8	-.136	-2.9	-.051	-.8	-.014					
9550	4.6	.080					-1.9	-.033					1.8	.031	12.4	.216	-1.9	-.033	-2.5	-.044					
9552	4.7	.082					3.7	.065					3.4	.059	-.1	-.002	-9.2	-.161	11.1	.194					
9557	4.0	.070					1.5	.026					0.0	0.000	3.5	.061	-3.6	-.063	7.3	.127					
9558	4.0	.070					-2.8	-.049					1.0	.017	14.9	.260	1.8	.031	0.0	0.000					
9562	4.8	.084					.3	.005					-.6	-.010	3.6	.063	-2.5	-.044	1.7	.030					
9563	4.8	.084					-1.1	-.019					-.5	-.009	-1.0	-.017	-2.1	-.037	-3.2	-.056					
9567	4.7	.082					1.6	.007					2.5	.044	-1.6	-.028	-3.8	-.066	6.4	.112					
9568	4.6	.080					1.6	.028					3.4	.059	-15.1	-.263	-4.0	-.070	5.6	.098					
9571	5.0	.087					-1.8	-.031					4.2	.073	-6.1	-.106	-6.8	-.119	8.3	.145					
9572	5.0	.087					-1.5	-.026					.2	.003	9.0	.157	-2.4	-.042	-1.2	-.021					
9573	5.4	.094					-.7	-.012					-1.3	-.023	-1.0	-.017	-2.0	-.035	-2.2	-.038					
9574	5.8	.101					2.0	.035			1.4	.024	1.1	.019	-4.3	-.075	-1.5	-.026	-4.4	-.077					
9576	4.8	.084					3.8	.066					0.0	0.000	-3.1	-.054	-2.0	-.035	2.1	.037					
9578	5.1	.089					-3.5	-.061					2.6	.045	6.1	.106	-1.0	-.017	-4.1	-.072					
9579	6.4	.112					2.9	.051					5.9	.103	-5.5	-.096	-4.4	-.077	-4	-.007					
9580	3.8	.066					2.3	.040					.5	.009	7.3	.127	-3.6	-.063	.3	.005					
9584	5.1	.089					1.9	.033					-2.5	-.044	1.7	.030	-2.4	-.042	-2.7	-.047					
9585	5.5	.096					-2.1	-.037					4.4	.077	1.3	.023	-2.8	-.049	-1.5	-.026					
9586	5.6	.098					.3	.005					-1.9	-.033	-2.4	-.042	-5.0	-.087	2.5	.044					
9588	4.6	.080					-.3	-.005					5.1	.089	-9.0	-.157	-4.0	-.070	1.5	.026					
9591	5.2	.091					-1.2	-.021					-.8	-.014	-4.0	-.070	-1.9	-.033	-3	-.005					
9592	4.0	.070					0.0	0.000					-.8	-.014	-4.3	-.075	-2.7	-.047	-2.5	-.044					
9594	4.7	.082					-.4	-.007					2.2	.038	-12.4	-.216	-9.2	-.161	4.1	.072					
9595	4.3	.075					-8.1	-.141					2.3	.040	-10.1	-.176	-5.7	-.099	2.5	.044					
9596	3.3	.058					2.8	.049					1.4	.024	-2.5	-.044	-3.4	-.059	.3	.005					
9597	3.9	.068					1.3	.023					-3.8	-.066	-22.5	-.393	-2.8	-.049	-.9	-.016					
9643	4.1	.072					-1.5	-.026					-.6	-.010	-8.2	-.143	-4.7	-.082	2.8	.049					
9645	4.8	.084					5.2	.091					.3	.005	-2.0	-.035	-4.9	-.086	5.5	.096					
9649	5.9	.103					.7	.012					5.6	.098	5.9	.103	-5.0	-.087	4.6	.080					
9656	5.2	.091					-3.4	-.059					0.0	0.000	-2.6	-.045	-4.4	-.077	8.0	.140					
9661	5.5	.096					-1.1	-.019					2.7	.047	-1.8	-.031	-4.9	-.086	1.7	.030					

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## NIGHT LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL F-18A

LNCG	OFF-CENTER	RAMP TO TD	WIRE SIDE	LNCG	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC	ARR GEAR	REREAD								
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	DEG	RAD	DEG	ROLL	TEMP								
FT	M	FT	M	FT	M	FT	M	DEG	RAD	DEG	ROLL	TEMP								
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
8393	-12	-4	309	94	4	577	50120	6	3	-2	-003	.7	.012	71	22	29.90	759.5	166	421.6	0
8398	-11	-3	258	79	3	577	50120	6	3	-2	-003	.7	.012	71	22	29.90	759.5	170	431.8	1
8643	-10	-3	292	89	4	567	50120	9	5	-3	-005	.5	.009	65	18	29.97	761.2	169	429.3	0
9306	-10	-3	251	77	3	550	50100	6	3	-5	-009	-1.9	-.033	71	22	29.90	759.5	170	431.8	1
9389	-14	-4	239	73	2	573	50100	6	3	-4	-007	-.3	-.005	71	22	29.90	759.5	168	426.7	1
9390	-15	-5	245	75	552	70120	6	3	-8	-014	-1.8	-.031	71	22	29.90	759.5	0	0.0	0	0
9391	-12	-4	273	83	3	572	50120	6	3	-7	-012	-.9	-.016	71	22	29.90	759.5	170	431.8	0
9395	-13	-4	224	68	2	573	50120	6	3	-5	-009	-.2	-.003	71	22	29.90	759.5	168	426.7	0
9396	-10	-3	295	90	4	557	50120	6	3	-1	-002	.5	.009	71	22	29.90	759.5	169	429.3	0
9398	-14	-4	336	102	572	60120	6	3	-4	-007	-1.2	-.021	71	22	29.90	759.5	0	0.0	0	0
9400	-13	-4	282	86	3	577	50120	5	3	-3	-005	-.3	-.005	71	22	29.90	759.5	170	431.8	0
9401	-15	-5	271	83	3	572	50120	5	3	-1	-002	-1.1	-.019	71	22	29.90	759.5	170	431.8	0
9406	-13	-4	224	68	2	573	50100	5	3	-3	-005	.5	.009	71	22	29.90	759.5	167	424.2	1
9408	-15	-5	225	69	2	557	50200	5	3	-6	-010	-.3	-.005	71	22	29.90	759.5	170	431.8	1
9410	-14	-4	220	67	2	572	50120	5	3	-4	-007	.7	.012	71	22	29.90	759.5	170	431.8	1
9416	-15	-5	200	61	2	572	50200	3	2	-1	-002	.6	.010	71	22	29.91	759.7	169	429.3	0
9417	-14	-4	268	82	3	560	50100	3	2	-4	-007	-3.2	-.056	71	22	29.91	759.7	170	431.8	0
9418	-17	-5	269	82	3	573	50100	3	2	-4	-007	-.2	-.003	71	22	29.91	759.7	168	426.7	0
9419	-16	-5	248	76	3	571	50120	4	2	-1	-002	-.9	-.016	71	22	29.91	759.7	167	424.2	0
9420	-16	-5	193	59	2	573	50100	4	2	-2	-003	-.1	-.002	71	22	29.91	759.7	168	426.7	1
9424	-11	-3	337	103	552	60120	4	2	-6	-010	-.8	-.014	71	22	29.90	759.5	0	0.0	0	0
9425	-12	-4	268	82	3	552	50120	4	2	-7	-012	1.2	.021	71	22	29.90	759.5	170	431.8	1
9431	-14	-4	220	67	3	577	70100	7	4	-4	-007	-1.8	-.031	71	22	29.90	759.5	0	0.0	0
9432	-15	-5	279	85	3	571	50200	7	4	-5	-009	-.7	-.012	71	22	29.90	759.5	170	431.8	0
9435	-11	-3	392	92	4	577	50200	7	4	-2	-003	-.7	-.012	71	22	29.90	759.5	168	426.7	0
9446	-12	-4	261	80	3	577	50200	7	4	-8	-014	-1.7	-.030	71	22	29.90	759.5	168	426.7	1
9452	-16	-5	264	80	3	577	50100	7	4	-8	-014	-1.1	-.002	71	22	29.90	759.5	170	431.8	1
9466	-11	-3	257	78	3	577	50200	7	4	-4	-007	1.4	.024	71	22	29.90	759.5	170	431.8	0
9510	-16	-5	252	77	573	70120	4	2	-3	-005	-.5	-.009	71	22	29.90	759.5	0	0.0	0	0
9511	-22	-7	169	52	560	70120	4	2	-4	-007	.2	.003	71	22	29.90	759.5	0	0.0	1	1
9516	-16	-5	231	70	2	560	50120	4	2	-4	-007	.2	.003	71	22	29.92	760.0	167	424.2	0
9518	-14	-4	281	86	4	543	50100	4	2	-3	-005	-.1	-.002	71	22	29.92	760.0	168	426.7	0
9521	-17	-5	253	77	3	573	50100	4	2	-5	-009	-1.2	-.021	71	22	29.92	760.0	169	429.3	1
9524	-13	-4	200	85	571	70200	4	2	-8	-014	-1.3	-.023	71	22	29.92	760.0	0	0.0	1	1
9531	-7	-2	281	86	4	571	50120	4	2	-5	-009	-.6	-.010	71	22	29.92	760.0	169	429.3	0
9532	-23	-7	179	55	2	572	50120	4	2	-3	-005	-1.7	-.030	71	22	29.92	760.0	167	424.2	1
9535	-10	-3	209	64	2	560	50200	4	2	-3	-005	-.3	-.005	71	22	29.92	760.0	167	424.2	0
9536	-13	-4	320	98	573	60120	4	2	-3	-005	.2	.003	71	22	29.92	760.0	0	0.0	0	0
9537	-19	-6	228	69	2	572	50200	4	2	-3	-005	0.0	0.000	71	22	29.92	760.0	169	429.3	1
9538	-11	-3	242	74	2	543	50120	4	2	-2	-003	-.6	-.010	71	22	29.92	760.0	169	429.3	0

DEPARTMENT OF THE NAVY  
Naval Air Development Center  
Warminster, PA 18974-5000

13410  
Code 6042

## NIGHT LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL F-18A

LNDG NO.	OFF-CENTER		RAMP TO TD		WIRE NO.	SIDE NO.	LNDG TYPE	FLAP CODE	SHIP SPEED				DECK PITCH		DECK ROLL		TEMP C	BAROMETRIC		ARR GEAR		REREAD NUMBER
	FT	M	FT	M					KN	M/S	DEG	RAD	DEG	RAD	F	IN		HG	MM	HG	IN	
62	83	84	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82		
9540	-13	-4	291	89	4	573	50100		4	2	-4	-007	-8	-014	71	22	29.92	760.0	760.0	169	429.3	0
9541	-5	-2	316	96	4	571	50120		4	2	-4	-007	-2	-003	71	22	29.92	760.0	760.0	170	431.8	0
9544	-12	-4	204	62	2	543	50120		4	2	-5	-009	-9	-016	71	22	29.92	760.0	760.0	168	426.7	0
9546	-6	-2	249	76	3	560	50120		4	2	-5	-009	-1.5	-026	71	22	29.92	760.0	760.0	169	429.3	0
9549	-21	-6	158	48	2	577	50100		5	3	-4	-007	-4	-007	71	22	29.93	760.2	760.2	167	424.2	2
9550	-8	-2	256	78	3	571	50100		5	3	-5	-009	-2	-003	71	22	29.93	760.2	760.2	169	429.3	0
9552	-4	-1	200	85	3	567	50200		5	3	-1	-002	-1	-002	71	22	29.93	760.2	760.2	169	429.3	0
9557	-12	-4	317	97	5	572	60200		5	3	-3	-005	-1.2	-021	71	22	29.93	760.2	760.2	0	0.0	0
9558	-10	-3	266	81	4	560	50100		5	3	0.0	0.000	.2	.003	71	22	29.93	760.2	760.2	167	424.2	0
9562	-15	-5	195	59	2	572	50200		5	3	-6	-010	.7	.012	71	22	29.93	760.2	760.2	169	429.3	0
9563	-3	-1	287	87	4	543	50120		5	3	-5	-009	.1	.002	71	22	29.93	760.2	760.2	168	426.7	0
9567	-14	-4	282	86	4	567	50120		5	3	-1	-002	.1	.002	71	22	29.93	760.2	760.2	168	426.7	0
9568	-11	-3	281	80	3	577	50200		5	3	-1	-002	-5	-009	71	22	29.93	760.2	760.2	170	431.8	0
9571	-24	-7	180	57	2	572	50120		5	3	-2	-003	-3	-005	71	22	29.93	760.2	760.2	169	429.3	1
9572	-9	-3	255	78	3	573	50100		5	3	-5	-009	-5	-009	71	22	29.93	760.2	760.2	167	424.2	0
9573	-12	-4	235	72	5	567	70100		5	3	-2	-003	-1.7	-030	71	22	29.93	760.2	760.2	0	0.0	0
9574	-6	-2	250	76	2	543	50120		5	3	-7	-012	-6	-010	71	22	29.93	760.2	760.2	168	426.7	0
9576	-2	-1	320	98	5	577	60200		5	3	-2	-003	.8	.014	71	22	29.93	760.2	760.2	0	0.0	0
9578	-21	-6	247	75	2	567	50100		5	3	-5	-009	-5	-009	71	22	29.93	760.2	760.2	169	429.3	1
9579	-14	-4	184	56	5	560	70200		5	3	-4	-007	-1	-002	71	22	29.93	760.2	760.2	0	0.0	0
9580	-7	-2	254	77	3	577	50120		5	3	-5	-009	-1	-002	71	22	29.93	760.2	760.2	168	426.7	0
9584	-8	-2	232	71	3	500	50200		5	3	-5	-009	-2	-003	71	22	29.93	760.2	760.2	170	431.8	0
9585	-6	-2	281	80	4	573	50100		5	3	-3	-005	-8	-014	71	22	29.93	760.2	760.2	167	424.2	0
9586	-13	-4	273	83	3	544	50120		5	3	-6	-010	.8	.014	71	22	29.93	760.2	760.2	170	431.8	0
9588	-16	-5	206	63	2	543	50120		5	3	-4	-007	-7	-012	71	22	29.93	760.2	760.2	169	429.3	1
9591	-12	-4	217	66	3	573	50100		5	3	-4	-007	-5	-009	71	22	29.93	760.2	760.2	169	429.3	0
9592	-8	-2	280	85	4	543	50100		5	3	-6	-010	-5	-009	71	22	29.93	760.2	760.2	166	421.6	0
9594	-11	-3	236	73	3	560	50120		5	3	-2	-003	.7	.012	71	22	29.93	760.2	760.2	168	426.7	0
9595	-13	-4	187	57	5	573	70100		5	3	-3	-005	.7	.012	71	22	29.93	760.2	760.2	0	0.0	0
9596	-5	-2	253	77	3	544	50200		5	3	-3	-005	.7	.012	71	22	29.93	760.2	760.2	168	426.7	0
9597	-10	-3	254	77	3	573	50100		5	3	-7	-012	-9	-016	71	22	29.93	760.2	760.2	168	426.7	0
9643	-15	-5	219	67	5	544	70100		9	5	-2	-003	.9	.016	65	18	29.97	761.2	761.2	0	0.0	0
9645	-15	-5	202	62	2	544	50200		10	5	-3	-005	1.1	.019	65	18	29.97	761.2	761.2	170	431.8	0
9649	-14	-4	215	66	2	567	50120		10	5	-2	-003	-2	-003	65	18	29.97	761.2	761.2	169	429.3	0
9656	-15	-5	287	87	4	544	50200		11	6	-3	-005	0.0	0.000	65	18	29.97	761.2	761.2	167	424.2	1
9661	-6	-2	242	74	2	544	50100		15	8	-1	-002	.1	.002	65	18	29.97	761.2	761.2	169	429.3	0

**A-6 DAY**



DAY LANDINGS

USS ENTERPRISE (CVN-65,

LANDING DATA - MODEL A-6

LANDG	VPAF	VE-FILM	WIND-VEL	PAR.	PERP.	VEOR	VPAMIN	VSP'A	KVA	KV	LIFT	LIFT	FF	WEIGHT
NO.	TD	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
83	129	66	106	55	23	12	2	1	105	54	106	55		
111	132	68	107	55	25	13	2	1	97	50	106	56		
118	127	65	103	53	24	12	2	1	107	55	107	55		
122	126	65	105	54	21	11	1	1	102	52	106	55		
131	126	65	101	52	25	13	2	1	98	50	107	55		
139	126	65	103	53	23	12	2	1	103	53	109	56		
142	127	65	104	53	23	12	2	1	103	53	106	55		
172	128	66	105	54	23	12	2	1	100	51	110	57		
174	121	62	97	50	24	12	2	1	103	53	110	57		
176	124	64	100	51	24	12	2	1	102	52	109	56		
177	128	66	103	53	25	13	2	1	109	56	109	56		
179	134	69	107	55	27	14	2	1	99	51	110	57		
180	134	69	107	55	27	14	2	1	105	54	110	57		
184	136	70	108	56	28	14	2	1	106	55	109	56		
185	131	67	105	54	26	13	2	1	101	52	109	56		
186	131	67	105	54	26	13	2	1	102	52	109	56		
187	128	66	102	52	26	13	2	1	94	48	108	56		
188	133	68	107	55	26	13	2	1	103	53	109	56		
189	130	67	102	52	28	14	2	1	94	48	106	55		
196	129	66	102	52	27	14	2	1	115	59	112	58		
197	130	71	111	57	27	14	2	1	111	57	110	57		
198	137	70	110	57	27	14	2	1	98	50	111	57		
200	135	69	108	56	27	14	1	1	92	47	109	56		
207	124	64	98	50	26	13	1	1	107	55	108	56		
216	128	66	103	53	25	13	1	1	98	50	107	55		
217	122	63	97	50	25	13	1	1	114	59	110	57		
218	126	65	101	52	25	13	1	1	99	51	110	57		
220	122	63	97	50	25	13	2	1	97	50	107	55		
221	122	63	97	50	25	13	2	1	99	51	107	55		
222	131	67	101	52	30	15	5	3	104	53	110	57		
224	140	72	110	57	30	15	5	3	90	46	106	55		
225	124	64	94	48	30	15	5	3	100	51	106	55		
226	132	68	102	52	30	15	5	3	99	51	106	55		
227	135	69	105	54	30	15	5	3	114	59	109	56		
228	137	70	107	55	30	15	5	3	94	48	107	55		
229	131	67	101	52	30	15	5	3	107	55	106	55		
230	126	65	98	50	28	14	10	5	92	47	109	56		
231	129	68	101	52	28	14	10	5	101	52	107	55		
233	133	68	105	54	28	14	10	5	110	57	106	55		
234	129	66	101	52	28	14	10	5	110	57	106	55		

LANDING DATA -- MODEL A-6										USS ENTERPRISE (CVN-65)										DAY LANDINGS				
LNOG	VPAF	VE-FILM	WIND-VEL	PAR.	PERP.	VEOR	VPAMIN	VSP-A	KVPA	KV	LIFT	LIFT	TD	FF	MIN	SP' A	TD	FF	WEIGHT					
NO.	TD	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	LBS	KG			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21				
235	117	60	83	48	24	12	9	5	99	51	106	55			1.11		1.00		31200	14152				
236	129	66	105	54	24	12	9	5	104	53	109	56			1.10		.90		33100	15014				
237	127	65	103	53	24	12	9	5	104	53	110	57			1.10		1.00		33400	15150				
238	132	68	108	56	24	12	9	5	119	61	111	57			1.19		1.00	1.00	34200	15513				
239	124	64	100	51	24	12	9	5	104	53	109	56			1.14		1.00	1.00	33100	15014				
241	129	66	104	53	25	13	4	2	103	53	108	56			1.19		1.10		32600	14787				
242	124	64	99	51	25	13	4	2	96	49	105	54			1.18		1.10		30500	13835				
243	124	64	99	51	25	13	4	2	98	50	107	55			1.16		1.00		32100	14561				
244	125	64	100	51	25	13	4	2	107	55	105	54			1.19		1.10		30500	13835				
418	134	69	106	55	28	14	2	1	105	54	110	57			1.21		1.00		33600	15241				
419	130	67	103	53	27	14	2	1	110	57	110	57			1.17		1.00		33800	15332				
420	133	68	106	55	27	14	2	1	109	56	110	57			1.20		1.00		33800	15332				
422	128	66	101	52	27	14	2	1	100	51	110	57			1.16		.90		33700	15286				
425	132	68	102	52	30	15	3	2	98	50	110	57			1.20		1.00	1.00	33600	15241				
426	126	65	97	50	29	15	3	2	104	53	109	56			1.15		1.10		33200	15060				
427	126	65	97	50	29	15	3	2	103	53	109	56			1.16		1.00		32800	14878				
428	131	67	104	53	27	14	2	1	103	53	109	56			1.20		1.10		33100	15014				
431	128	66	101	52	27	14	2	1	97	50	109	56			1.18		1.00		33100	15014				
434	126	65	100	51	26	13	10	5	96	49	111	57			1.14		1.00		34300	15558				
436	127	65	101	52	26	13	10	5	103	53	109	56			1.16		1.10		33100	15014				
437	123	63	97	50	26	13	10	5	100	51	107	55			1.15		.90		31800	14424				
438	125	64	99	51	26	13	10	5	97	50	106	55			1.17		.90		31500	14288				
440	122	63	96	49	26	13	10	5	96	49	113	58			1.08		1.00		35200	15967				
443	124	64	98	50	26	13	10	5	101	52	106	55			1.17		1.00		31200	14152				
447	126	65	100	51	26	13	10	5	93	48	106	55			1.19		1.00		31200	14152				
454	131	67	103	53	28	14	5	3	94	48	111	57			1.19		1.10		34000	15422				
481	131	67	103	53	28	14	5	3	100	51	109	56			1.20		1.10		32800	14878				
483	133	68	105	54	28	14	5	3	104	53	110	57			1.21		1.00		33500	15196				

LADC	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT		
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVW		OVER RAMP		OVER RAMP	
		F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
93	9.2	2.8	2.8	12.2	3.7	10.9	3.3	11.5	3.5	11.4	3.5	3.5	.062	3.4	.059	19.8	6.0	14.4	4.4
111	8.6	2.6	2.6	10.4	3.2	9.6	2.9	10.6	3.0			2.9	.056	3.0	.052	15.6	4.8	10.3	3.1
118	8.5	2.6	2.6	10.1	3.1	10.3	3.1	10.3	3.1			2.6	.046	3.1	.054	15.6	4.8	9.9	3.0
122	8.7	2.6	2.6	9.6	2.9	9.0	2.7	9.3	2.8			3.3	.057	2.9	.051	16.0	4.9	10.5	3.2
131	10.6	3.2	3.2	9.8	3.0	10.1	3.1	10.0	3.0			3.0	.052	3.2	.055	14.2	4.3	8.5	2.6
139	9.3	2.8	2.8	9.9	3.0	10.6	3.2	10.3	3.1	10.7	3.2	4.0	.070	3.4	.059	17.6	5.4	12.1	3.7
142	6.3	1.9	1.9	9.9	3.0	10.6	3.2	10.3	3.1			2.8	.049	3.2	.057	14.0	4.3	8.5	2.6
172	9.1	2.8	2.8	9.1	2.8	8.8	2.7	8.9	2.7			2.9	.051	2.9	.056	15.7	4.8	10.3	3.1
174	10.4	3.2	3.2	9.8	3.0	11.6	3.5	10.3	3.1			3.2	.056	3.0	.052	18.5	5.6	13.2	4.0
176	6.5	2.0	2.0	8.1	2.5	8.1	2.5	8.1	2.5	8.3	2.5	2.8	.050	2.2	.039	15.3	4.7	10.1	3.1
177	10.8	3.3	3.3	10.6	3.2	10.0	3.0	10.3	3.1			3.2	.056	3.4	.059	17.7	5.4	12.2	3.7
179	1.4	.4	.4	13.1	4.0	12.1	3.7	12.6	3.8			3.4	.059	3.6	.062	17.9	5.5	12.7	3.9
180	10.5	3.2	3.2	11.8	3.6	11.0	3.3	11.4	3.5			3.5	.061	3.6	.063	19.1	5.8	13.7	4.2
184	10.2	3.1	3.1	11.0	3.4	9.3	2.8	10.2	3.1			3.4	.059	3.2	.056	16.8	5.1	11.5	3.5
185	10.7	3.3	3.3	10.5	3.2	10.3	3.1	10.4	3.2			2.8	.048	2.8	.048	19.4	5.9	14.2	4.3
186	6.2	1.9	1.9	8.4	2.6	9.6	2.8	9.0	2.8			3.1	.054	2.6	.046	17.1	5.2	11.9	3.6
187	7.8	2.4	2.4	9.1	2.8	9.3	2.8	9.2	2.8			2.7	.047	2.9	.051	13.9	4.2	8.5	2.6
188	9.8	3.0	3.0	11.3	3.5	9.1	2.8	10.5	3.2			3.4	.060	3.2	.056	17.1	5.2	11.8	3.6
189	7.4	2.2	2.2	10.5	3.2	11.2	3.4	11.2	3.4			3.7	.065	3.6	.063	17.9	5.5	12.7	3.9
196	9.7	3.0	3.0	12.0	3.6	12.6	3.8	12.3	3.7			4.3	.075	3.7	.064	22.5	6.9	17.2	5.3
197	10.3	3.1	3.1	10.1	3.1	11.1	3.4	10.6	3.2			3.2	.056	3.0	.053	16.1	4.9	11.3	3.4
198	8.6	2.6	2.6	11.8	3.6	8.9	2.7	10.4	3.2			3.2	.058	3.0	.052	15.0	4.6	9.7	2.9
200	9.2	2.8	2.8	12.4	3.8	10.1	3.1	11.2	3.4			4.1	.071	3.5	.061	17.6	5.4	12.3	3.7
207	15.9	4.8	4.8	14.0	4.3	13.6	4.2	13.8	4.2			3.9	.068	4.1	.071	24.7	7.5	19.5	6.0
216	7.1	2.2	2.2	9.2	2.6	9.9	3.0	9.6	2.9			4.1	.071	3.1	.055	20.3	6.2	15.2	4.6
217	8.9	2.7	2.7	8.5	2.6	9.4	2.9	8.1	2.5			3.2	.056	2.5	.044	14.1	4.3	8.6	2.6
218	-0	-0	-0	10.4	3.2	10.8	3.3	10.6	3.2			4.4	.077	3.5	.062	15.6	4.8	9.9	3.0
220	9.2	2.8	2.8	11.1	3.4	8.1	2.5	10.2	3.1			3.4	.059	3.4	.059	16.2	4.9	10.8	3.3
221	10.8	3.3	3.3	11.5	3.5	11.7	3.6	11.6	3.5			3.9	.068	4.0	.070	20.5	6.2	15.3	4.7
222	6.5	2.0	2.0	8.8	2.7	8.8	2.7	8.8	2.7			3.5	.061	2.9	.051	15.5	4.7	10.4	3.2
224	9.0	2.7	2.7	10.0	3.0	9.0	2.8	9.5	2.9			3.3	.058	3.4	.060	15.4	4.7	10.3	3.1
225	8.9	2.7	2.7	8.6	2.6	9.2	2.8	8.9	2.7			3.0	.052	2.9	.051	14.1	4.3	8.9	2.7
226	8.3	2.5	2.5	7.5	2.3	9.4	2.9	8.4	2.6			3.3	.058	2.8	.049	15.6	4.8	10.5	3.2
227	7.4	2.2	2.2	8.2	2.5	7.3	2.2	8.1	2.5			3.4	.059	2.5	.044	17.8	5.4	12.6	3.8
228	7.9	2.4	2.4	12.4	3.8	9.8	3.0	11.6	3.5			3.4	.060	3.7	.064	18.1	5.5	12.7	3.9
229	7.3	2.2	2.2	8.5	2.6	8.1	2.5	8.3	2.5			3.5	.062	2.8	.048	15.5	4.7	9.9	3.0
230	10.0	3.0	3.0	11.7	3.6	11.8	3.6	11.8	3.6			3.6	.062	4.1	.071	18.4	5.6	13.2	4.0
231	10.8	3.3	3.3	11.7	3.6	10.6	3.2	11.4	3.5			4.2	.073	3.7	.065	24.2	7.4	18.8	5.7
233	3.2	1.0	1.0	11.2	3.4	11.1	3.4	11.2	3.4			3.5	.061	3.6	.063	16.3	5.0	11.0	3.3
234	8.5	2.6	2.6	9.0	2.6	8.6	2.6	8.6	2.6			2.8	.049	2.8	.049	14.4	4.4	9.2	2.8

## DAY LANDINGS

## USS ENTERPRISE (CVN-60)

## LANDING DATA - MODEL A-6

LNOG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVW		OVER RAMP		OVER RAMP	
NO	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
235	8.1	2.5	10.2	3.1	10.0	3.0	10.1	3.1			3.6	.062	3.7	.064	17.2	5.2	11.8	3.6
236	8.2	2.5	9.2	2.8	9.2	2.8	9.2	2.8			3.0	.053	3.2	.055	13.7	4.2	8.3	2.5
237	3.8	1.2	9.6	2.7	8.8	2.7	8.9	2.7			2.3	.039	2.5	.044	11.3	3.4	6.0	1.8
238	9.2	2.8	12.7	3.8	12.5	3.8	12.6	3.8	12.5	3.8	3.5	.062	3.5	.062	20.5	6.2	15.7	4.8
239	4.8	1.5	8.7	2.7	8.4	2.6	8.6	2.6	7.9	2.4	.045	.045	2.7	.047	13.1	4.0	7.7	2.4
241	7.3	2.2	5.9	1.8	6.6	2.0	6.3	1.9			2.9	.050	1.9	.034	14.9	4.5	9.7	3.0
242	11.6	3.5	11.2	3.4	10.6	3.2	10.9	3.3			4.1	.072	3.7	.065	19.6	6.0	14.2	4.3
243	8.2	2.5	7.9	2.4	8.4	2.5	8.1	2.5			2.8	.049	2.8	.048	13.5	4.1	8.0	2.4
244	10.4	3.2	9.7	3.0	10.0	3.0	9.9	3.0			3.7	.064	3.4	.059	17.3	5.3	11.7	3.6
418	10.0	3.0	9.3	2.8	10.0	3.0	9.6	2.9			3.5	.062	3.1	.054	18.1	5.5	13.4	4.1
419	10.6	3.2	11.0	3.3	11.1	3.4	10.6	3.3			3.4	.059	3.6	.062	16.9	5.2	11.4	3.5
420	10.9	3.3	9.3	2.8	9.7	3.0	9.5	2.9			3.1	.055	3.0	.053	15.8	4.8	10.7	3.3
422	8.2	2.5	9.6	2.7	10.0	3.0	9.6	2.9			2.9	.051	3.2	.056	14.1	4.3	8.3	2.5
425	9.6	2.9	10.6	3.2	9.8	2.9	10.1	3.1			3.2	.056	3.4	.059	17.1	5.2	12.2	3.7
428	7.8	2.4	8.9	2.7	8.1	2.5	8.5	2.6	9.9	3.0	3.3	.058	3.0	.052	15.2	4.6	10.0	3.0
427	7.7	2.3	11.2	3.4	11.0	3.3	10.8	3.3			3.3	.058	3.8	.066	14.3	4.4	9.1	2.8
428	5.6	1.7	11.4	3.5	9.4	2.9	10.4	3.2			3.3	.057	3.4	.059	15.6	4.8	10.4	3.2
431	8.7	2.8	9.6	2.7	9.1	2.8	9.1	2.8			3.4	.060	3.0	.053	15.8	4.8	10.6	3.2
434	9.5	2.9	10.5	3.2	10.0	3.1	10.3	3.1			3.2	.056	3.5	.061	18.0	5.5	12.5	3.8
436	7.1	2.2	7.7	2.4	7.6	2.3	7.7	2.3			3.1	.054	2.6	.045	14.9	4.5	9.6	2.9
437	3.9	1.2	11.1	3.4	11.0	3.3	10.9	3.3			3.3	.057	3.8	.067	15.4	4.7	10.3	3.1
438	9.9	3.0	12.6	3.8	11.2	3.4	11.3	3.4			3.7	.064	3.9	.068	17.8	5.4	12.5	3.8
440	6.2	1.9	9.5	2.8	9.8	3.0	9.7	2.9			3.5	.060	3.4	.058	16.8	5.1	11.5	3.5
443	6.8	2.1	6.6	2.0	6.8	2.1	6.7	2.0			2.5	.043	2.3	.041	12.6	3.8	7.3	2.2
447	7.9	2.4	9.4	2.8	10.1	3.1	9.8	3.0			3.2	.055	3.3	.058	12.9	3.9	7.5	2.3
454	6.6	2.0	7.2	2.2	7.0	2.1	7.1	2.2			2.8	.049	1.9	.033	16.6	5.1	11.1	3.4
461	6.6	2.0	8.9	2.7	9.2	2.8	9.0	2.7			3.0	.053	2.7	.047	15.9	4.8	11.0	3.3
463	7.7	2.4	7.5	2.3	7.3	2.2	7.4	2.3			2.7	.048	2.0	.035	18.2	5.5	13.2	4.0

## LANDING DATA - MODEL A-6

## USS ENTERPRISE (CVN-65)

## DAY LANDINGS

LANDG NO	PITCH ANGLE			ROLL ANGLE			PITCH RATE			ROLL RATE			F. P. A.			YAW				
	TO	OR	DEG	TO	OR	DEG	TO	OR	DEG	TO	OR	DEG	TO	OR	DEG	TO	OR	DEG		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
93	8.0	.140	9.7	.169	7.9	.138	-1.1	-.002	-2.8	-.049	.3	.005	1.2	.021	6.9	.120	-2.9	-.051	2.3	.040
111	7.0	.122	10.1	.176			-2.2	-.003	.8	.014			-2	-.003	4.0	.070	-3.6	-.063	-1.3	-.023
118	7.0	.122	11.8	.206			2.2	.038	-2	-.003			-1.1	-.002	-4	-.007	-3.0	-.052	2.3	.040
122	7.0	.122	10.6	.185			-2.4	-.007	-1.1	-.002			2.0	.035	3.5	.061	-2.8	-.049	5.0	.007
131	7.9	.138	11.6	.202			0.0	0.000	-2.9	-.051			4.0	.070	-1.4	-.024	-3.7	-.065	5.5	.008
139	10.0	.175	9.0	.171	10.0	.175	1.5	.026	.3	.005	1.1	.019	2.2	.038	-3.5	-.061	-3.3	-.058	3.4	.059
142	8.0	.154	11.1	.194			-1.0	-.017	-2.2	-.038			-1.1	-.002	-3.2	-.056	-4.4	-.077	-2.2	-.038
172	7.5	.131	10.4	.181			3.2	.056	-1.9	-.033			4.1	.072	1.9	.033	-1.9	-.033	2.9	.051
174	10.0	.175	10.0	.175			7.9	.138	-1.3	-.023			0.0	0.000	-13.7	-.239	-2.4	-.042	1.5	.026
176	9.7	.169	10.0	.175	9.4	.164	2.5	.044	.7	.012	2.7	.047	.8	.014	-4	-.007	-3.6	-.063	1.0	.017
177	8.4	.147	10.5	.183			-1.3	-.023	-2.4	-.042			0.0	0.000	3.5	.061	-4.3	-.075	.3	.005
179	9.1	.159	9.4	.164			-1.2	-.021	-5	-.009			-4.8	-.084	5.1	.089	-2.6	-.045	5.2	.091
180	9.4	.164	9.8	.171			-1.3	-.023	-2	-.003			-3.2	-.056	4.4	.077	-3.5	-.061	-5.2	-.091
184	7.9	.138	9.7	.169			-5	-.009	2.1	.037			0.0	0.000	8.8	.154	-3.2	-.058	-2.4	-.042
185	7.4	.129	9.9	.173			-2	-.003	.4	.007			1.1	.019	1.2	.021	-3.2	-.058	4.4	.077
186	8.4	.147	9.6	.168			.9	.016	3.1	.054			-7	-.012	-6.3	-.110	-3.6	-.063	-3.9	-.068
187	7.2	.126	10.7	.187			.4	.007	3.0	.052			2.9	.051	-1.1	-.019	-2.8	-.049	-3.6	-.063
188	9.2	.161	9.6	.168			-1.5	-.026	2.4	.042			-5	-.009	8.5	.148	-3.5	-.061	-3.1	-.054
189	8.8	.154	8.8	.154			1.3	.023	1.8	.031			2.3	.040	-4	-.007	-4.0	-.070	.8	.014
196	9.0	.157	8.6	.150			-1.1	-.019	2.2	.038			1.1	.019	-3.4	-.059	-2.5	-.044	-5.0	-.087
197	5.6	.098	8.2	.143			-5	-.009	1.8	.031			-2	-.003	-4.8	-.084	-3.5	-.061	-2.4	-.042
198	8.3	.145	10.0	.175			-1	-.002	1.4	.024			1.9	.033	15.3	.267	-2.7	-.047	-4.6	-.080
200	8.6	.150	9.0	.157			.8	.014	.9	.016			1.2	.021	12.1	.211	-3.7	-.065	1.0	.017
207	7.9	.138	8.7	.152			1.2	.021	-2.0	-.035			3.5	.061	1.8	.031	-3.3	-.058	-3.8	-.066
216	8.7	.152	8.3	.145			2.2	.038	-5	-.009			2.4	.042	-3.7	-.065	-3.1	-.054	2.5	.044
217	8.2	.143	10.6	.185			2.1	.037	-1.8	-.031			.9	.016	-14.1	-.246	-3.2	-.056	-1.3	-.023
218	9.8	.171	10.2	.178			-1.2	-.021	7.9	.138			3.9	.068	-2.1	-.037	-1.1	-.019	1.7	.030
220	9.7	.169	10.0	.175			-1.0	-.017	-8	-.014			0.0	0.000	9.6	.168	-2.1	-.037	4.6	.080
221	6.9	.120	8.7	.152			1.1	.019	-4.1	-.072			1.2	.021	-1.1	-.019	-2.7	-.047	4.6	.080
222	8.8	.154	9.0	.157			-4	-.007	2.6	.045			0.0	0.000	0.0	0.000	-2.3	-.040	3.4	.059
224	6.5	.113	9.2	.161			-6	-.010	3.3	.058			0.0	0.000	4.8	.084	.4	.007	-2.6	-.045
225	6.8	.119	9.7	.169			-2.9	-.051	2.7	.047			1.1	.019	-3.0	-.052	-2.9	-.051	3.8	.066
226	7.1	.124	9.0	.157			1.6	.028	-7	-.012			2.5	.044	-10.0	-.175	-4.5	-.079	6.3	.110
227	8.7	.152	9.3	.162			-1.1	-.019	-1	-.002			0.0	0.000	.9	.016	-3.4	-.059	5.1	.089
228	7.7	.134	10.1	.176			-6	-.010	-1.3	-.023			-9	-.016	8.4	.147	-2.3	-.040	5.5	.096
229	8.2	.143	10.7	.187			3.5	.061	5.7	.099			2.4	.042	1.6	.028	-1.9	-.033	5.4	.094
230	6.5	.113	9.3	.162			2.5	.044	-1.7	-.030			-8	-.014	.4	.007	-4.3	-.075	7.4	.129
231	8.8	.154	9.2	.161			-2.5	-.044	.4	.007			0.0	0.000	2.9	.051	-1.8	-.031	5.4	.094
233	8.3	.145	9.7	.169			.3	.005	-1.6	-.028			-2.0	-.035	.3	.005	-1.7	-.030	4.5	.079
234	9.3	.162	9.8	.171			.7	.012	-4	-.007			0.0	0.000	0.0	0.000	-3.2	-.058	6.2	.108

LANDING DATA - MODEL A-8										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
UNGS	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.								
	NO	TD	OR	DEG	RAD	TD	OR	DEG	RAD	TD	OR	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD		
41	235	10.6	.185	9.9	.173			.9	.016	-4	-.007			0.0	0.000	1.3	.023	-2.2	-.038	3.7	.065								
	236	7.6	.133	10.5	.183			-.9	-.016	4.7	.082			-3.7	-.065	-2	-.003	-3.6	-.063	-5.1	-.089								
	237	8.8	.154	10.8	.188			.3	.005	-8	-.014			-.6	-.010	1.1	.019	-3.4	-.059	-2.0	-.035								
	238	7.0	.122	7.8	.136	6.9	.120	-2.2	-.030	2.8	.049	-2.0	-.035	-3.4	-.059	1.1	.019	-3.7	-.065	-3.9	-.068								
	239	10.3	.180	10.8	.188	9.8	.171	1.0	.017	2.5	.044	1.2	.021	-3.7	-.065	1.7	.030	-3.9	-.068	-2.9	-.051								
	241	9.5	.166	9.7	.169			.5	.009	-3	-.005			3.8	.066	-3.6	-.063	4.0	-.070	.4	.007								
	242	9.8	.171	9.3	.162			0.0	0.000	.5	.009			2.6	.045	3.0	.052	4.0	-.070	.1	.002								
	243	9.7	.169	10.9	.190			.2	.003	-2	-.003			.3	.005	-2.4	-.042	-3.8	-.066	-1.9	-.033								
	244	8.5	.166	10.6	.185			-1.5	-.026	.6	.010			2.5	.044	-2.2	-.038	-3.8	-.066	-1.9	-.033								
	418	5.8	.101	7.4	.129			-2.3	-.040	2.9	.051			3.1	.054	-3.1	-.054	-3.7	-.065	-.4	-.007								
	419	7.8	.136	10.3	.180			-.8	-.010	-8	-.014			.8	.014	1.4	.024	-3.6	-.063	-.6	-.010								
	420	5.6	.098	9.2	.101			-1.2	-.021	-9	-.016			5.1	.089	-2.2	-.038	-3.5	-.061	-2.0	-.035								
	422	10.5	.183	12.0	.209			-1.2	-.021	1.9	.033			0.0	0.000	-6.4	-.112	-3.7	-.065	-1.1	-.019								
	425	6.5	.113	8.4	.147			1.4	.024	.1	.002			3.7	.065	5.8	.101	-2.0	-.035	5.3	.092								
	426	8.3	.145	9.4	.164	7.8	.136	-1.8	-.031	5.3	.092	-1.3	-.023	-2.8	-.049	4.0	.070	-2.6	-.045	-5.5	-.096								
	427	8.7	.152	9.4	.164			2.8	.049	-1.5	-.026			-2.3	-.040	-1.8	-.031	-2.9	-.051	.1	.002								
	428	8.9	.155	9.5	.166			-.6	-.010	.1	.002			-2.7	-.047	10.5	.183	-4.5	-.079	2.6	.045								
	431	8.5	.148	9.2	.161			.1	.002	-1.5	-.026			0.0	0.000	-8	-.010	-2.8	-.049	4.3	.075								
	434	8.4	.147	10.4	.181			-.6	-.010	-2.3	-.040			0.0	0.000	2.6	.045	-4.4	-.077	-1.7	-.030								
	436	10.0	.175	10.1	.176			-.4	-.007	.3	.005			0.0	0.000	.5	.009	-3.5	-.061	-2.2	-.030								
	437	7.7	.134	9.2	.161			2.8	.049	-8	-.014			-1.8	-.031	-4	-.007	-4.1	-.072	-8	-.014								
	438	7.7	.134	9.5	.166			3.5	.061	-7	-.012			.1	.002	1.0	.017	-3.8	-.066	2.3	.040								
	440	8.8	.154	9.5	.166			-.3	-.005	.7	.012			-.8	-.014	-1.9	-.033	-3.3	-.058	-8	-.014								
	443	7.6	.133	10.5	.183			1.8	.031	-6	-.010			0.0	0.000	-1.2	-.021	-4.1	-.072	-1.0	-.017								
	447	8.5	.148	10.3	.180			-1.2	-.021	1.5	.026			.6	.010	-3.6	-.063	-3.1	-.054	-3.1	-.054								
	454	8.0	.140	10.9	.190			-1.8	-.031	2.6	.045			2.6	.045	1.1	.019	-3.0	-.052	-4.1	-.072								
	461	8.5	.148	8.7	.152			2.1	.037	-1.7	-.030			2.1	.037	-1.6	-.028	-5.1	-.089	3.8	.066								
	463	9.6	.168	9.2	.161			-1.9	-.033	-.1	-.002			0.0	0.000	.7	.012	-4.2	-.073	-3.8	-.066								

LANDING DATA -- MODEL A-6										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
UNDG NO.	OFF-CENTER		RAMP TO TD		WINE SIDE		UNDG NO.	TYPE	FLAP	SHIP	DECK PITCH		DECK ROLL		TEMP	BAROMETRIC				ARR GEAR		REREAD							
	FT	M	FT	M	NO.	NO.					DEG	RAD	DEG	RAD		F	C	IN HG	MM HG	IN	CM		RUNOUTS	NUMBER					
62	63	64	65	66	67	68	69		70	71	72	73	74	75	76	77	78	79	80	81	82								
93	-11	-3	286	87	3	24	50120		3	2	-3	-.005	-.5	-.009	59	15	30.15	765.8	0	0.0	0								
111	-10	-3	281	86	3	24	50120		3	2	-2	-.003	-.3	-.005	59	15	30.15	765.8	0	0.0	0								
118	-8	-2	295	90	4	24	50200		4	2	-3	-.005	-1.2	-.021	59	15	30.15	765.8	0	0.0	1								
122	-14	-4	262	80	3	24	50120		4	2	-1	-.002	-.6	-.010	59	15	30.15	765.8	0	0.0	1								
131	-14	-4	245	75	3	24	50120		4	2	-2	-.003	-.8	-.014	59	15	30.06	763.5	169	429.3	1								
139	-12	-4	240	73	2	24	50120		4	2	-1	-.002	-.7	-.012	60	16	30.06	763.5	169	429.3	0								
142	-9	-3	263	88	3	24	50120		4	2	-1	-.002	-.7	-.012	60	16	30.06	763.5	169	429.3	1								
172	-7	-2	295	90		823	70200		4	2					62	17	30.06	763.5	0	0.0	0								
174	-2	-1	266	81		821	70200		4	2	-6	-.010	-1.1	-.019	62	17	30.06	763.5	0	0.0	0								
176	-10	-3	251	77	2	823	50200		4	2	-5	-.009	-1.1	-.019	62	17	30.06	763.5	167	424.2	0								
177	-3	-1	306	93	4	821	50120		4	2	0	0.000	-.2	-.003	62	17	30.06	763.5	169	429.3	0								
179	-13	-4	259	79		804	70120		4	2	-4	-.007	-.5	-.009	62	17	30.06	763.5	0	0.0	1								
180	-8	-2	299	91		800	70120		4	2					62	17	30.06	763.5	0	0.0	0								
184	-12	-4	277	84		804	70120		3	2					63	17	30.06	763.5	0	0.0	0								
185	-13	-4	320	98		800	70123		3	2	-6	-.010	-.8	-.014	63	17	30.06	763.5	0	0.0	0								
186	-6	-2	278	85	3	804	50120		3	2	-3	-.005	-.6	-.010	63	17	30.06	763.5	170	431.8	0								
187	-10	-3	278	85	4	821	50120		3	2	-1	-.002	-.6	-.010	63	17	30.06	763.5	169	429.3	0								
188	-13	-4	271	83	3	800	50100		3	2	-1	-.002	-.9	-.016	63	17	30.06	763.5	168	426.7	0								
189	-7	-2	259	79	3	823	50200		3	2	-1	-.002	-.4	-.007	63	17	30.06	763.5	169	429.3	1								
196	-10	-3	266	81	3	804	50120		3	2	-4	-.007	-.8	-.014	63	17	30.06	763.5	169	429.3	0								
197	-17	-5	262	80		820	70120		3	2	-2	-.003	-.6	-.010	63	17	30.06	763.5	0	0.0	0								
198	-8	-2	247	75		822	70120		3	2	-2	-.003	-.9	-.016	63	17	30.06	763.5	0	0.0	0								
200	-6	-2	239	73		820	70120		4	2					64	18	30.05	763.3	0	0.0	0								
207	-11	-3	294	90	4	822	50120		4	2	-7	-.012	.3	.005	64	18	30.05	763.3	169	429.3	0								
210	-11	-3	274	84	4	820	50120		4	2					65	18	30.05	763.3	169	429.3	0								
217	-13	-4	222	68	2	822	50200		4	2	-3	-.005	-.6	-.010	65	18	30.05	763.3	168	426.7	0								
218	-12	-4	194	59		801	70120		4	2					66	19	30.05	763.3	0	0.0	1								
220	-13	-4	250	76		801	70100		3	2	-2	-.003	.1	.002	66	19	30.05	763.3	0	0.0	1								
221	-17	-5	289	88	4	820	50120		4	2					67	19	30.05	763.3	168	426.7	0								
222	-11	-3	242	74	4	801	50120		4	2	0	0.000	-.1	-.002	67	19	30.05	763.3	169	429.3	0								
224	-9	-3	300	91	4	804	50120		4	2	.5	.009	-1.0	-.017	67	19	30.05	763.3	169	429.3	0								
225	-15	-5	233	71	4	822	50100		4	2	-3	-.005	-.6	-.010	67	19	30.05	763.3	169	429.3	2								
226	-13	-4	259	79	3	820	50120		4	2					66	19	30.05	763.3	169	429.3	0								
227	-11	-3	278	85	4	801	50120		4	2	-1	-.002	-.5	-.009	66	19	30.05	763.3	169	429.3	1								
228	-12	-4	290	88	4	804	50100		4	2	0	0.000	-.2	-.003	66	19	30.05	763.3	169	429.3	0								
229	-11	-3	240	73	3	823	50200		4	2					67	19	30.05	763.3	168	426.7	0								
230	-14	-4	281	86	4	820	50200		4	2	0	0.000	-.4	-.007	67	19	30.05	763.3	168	426.7	1								
231	-13	-4	310	94		801	70100		4	2	-1	-.002	-.5	-.009	67	19	30.05	763.3	0	0.0	0								
233	-10	-3	254	77		801	70120		4	2					67	19	30.05	763.3	0	0.0	0								
234	-9	-3	271	83		801	70200		4	2	-1	-.002	-.8	-.014	67	19	30.05	763.3	0	0.0	0								

LANDING DATA - MODEL A-6										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDG NO.	OFF-CENTER		RAMP TO TD	WIRE	SIDE	LNDG NO.	TYPE	FLAP	SHIP	DECK PITCH		DECK ROLL	TEMP	BAROMETRIC		ARR GEAR	REREAD												
	FT	M								KN	M/S			DEG	RAD			IN HG	MM HG										
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
235	-8	-2	263	80	3	801	50120	4	2				67	19	30.05	763.3	169 429.3	0											
236	-11	-3	264	80	3	822	50123	4	2		.2	.003						763.3	168 426.7	0									
237	-13	-4	233	71	2	823	50120	4	2	-4	-0.007	0.0 0.000	67	19	30.05	763.3	168 426.7	0											
238	-11	-3	266	87	3	820	50120	4	2	-4	-0.007	-1 -0.002	67	19	30.05	763.3	170 431.8	1											
239	-10	-3	250	70	2	823	50120	4	2	-2	-0.003	0.0 0.016	67	19	30.05	763.3	168 426.7	0											
241	-11	-3	275	84	3	823	50123	4	2	-1	-0.002	0.0 0.016	67	19	30.05	763.3	168 426.7	0											
242	-14	-4	261	80	3	801	50120	4	2				67	19	30.05	763.3	169 429.3	0											
243	-10	-3	263	80	3	823	50120	4	2				67	19	30.05	763.3	169 429.3	0											
244	-13	-4	258	78	4	801	50100	4	2	0.0 0.000	0.0 0.000	0.4 -0.007	67	19	30.05	763.3	168 426.7	0											
418	-10	-3	282	86	4	821	50100	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.93	760.2	168 426.7	0											
419	-14	-4	273	83	4	804	50100	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.93	760.2	168 426.7	0											
420	-7	-2	270	85	4	820	50100	4	2				62	17	29.93	760.2	169 429.3	0											
422	-11	-3	264	80	3	801	50100	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.93	760.2	169 429.3	0											
425	-14	-4	294	90	4	821	50200	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.93	760.2	167 424.2	0											
426	-5	-2	252	77	2	822	50120	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.93	760.2	169 429.3	0											
427	-12	-4	238	73	3	820	50200	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.93	760.2	168 426.7	0											
428	-12	-4	263	80	3	804	50120	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.93	760.2	168 426.7	0											
431	-13	-4	254	77	3	801	50120	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.93	760.2	168 426.7	0											
434	-6	-2	308	94	4	808	50120	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.97	761.2	170 431.8	0											
436	-9	-3	265	81	3	801	50120	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.97	761.2	168 426.7	0											
437	-12	-4	259	79	4	822	50200	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.97	761.2	168 426.7	0											
438	-10	-3	266	81	4	821	50100	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.97	761.2	167 424.2	0											
440	-11	-3	286	81	3	820	50120	4	2	0.0 0.000	0.0 0.000	-0.3 -0.005	62	17	29.97	761.2	168 426.7	0											
443	-10	-3	280	85	4	822	50120	4	2				62	17	29.97	761.2	168 426.7	0											
447	-12	-4	225	60	2	821	50120	4	2				62	17	29.97	761.2	169 429.3	0											
454	-12	-4	284	87	3	808	50120	4	2	-4	-0.007	-2.3 -0.040	62	17	29.97	761.2	169 429.3	0											
461	-14	-4	260	79	3	821	50200	4	2	-3	-0.005	-1.4 -0.024	62	17	29.97	761.2	169 429.3	1											
463	-11	-3	317	97	4	801	50100	4	2	-4	-0.007	2.2 -0.038	62	17	29.97	761.2	169 429.3	0											



**A-6 NIGHT**

LANDING DATA - MODEL A-6										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS				
LNDG NO.	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT TD	LIFT FF	WEIGHT										
		KN	M/S	KN	M/S		KN	M/S						KN	M/S	LBS	KG							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21				
9000	110 01	95 49	24 12	4 2											1.09		1.00		33400	15150				
9001	120 02	96 49	24 12	4 2											1.09		1.00		33500	15196				
9002	127 05	103 53	24 12	4 2											1.16		1.10		33400	15150				
9005	124 04	100 51	24 12	4 2											1.14		1.30	1.30	32800	14878				
9006	122 03	98 50	24 12	4 2											1.14		1.00		32000	14515				
9009	124 04	100 51	24 12	4 2											1.10		.90		35000	15876				
9010	123 03	99 51	24 12	4 2											1.09		1.00		34000	15785				
9011	126 05	102 52	24 12	4 2											1.15		1.10		33300	15105				
9012	125 04	101 52	24 12	4 2											1.14		1.00		33600	15241				
9013	128 06	104 53	24 12	4 2											1.14		1.10		35000	15876				
9015	134 09	110 57	24 12	4 2											1.20		1.30		35000	15876				
9017	121 02	96 49	25 13	4 2											1.08		1.10		34000	15785				
9018	133 08	108 56	25 13	4 2											1.20		1.30	1.10	34000	15422				
9019	126 05	101 52	25 13	4 2											1.14		1.10		34000	15422				
9021	128 06	103 53	25 13	4 2											1.14		1.10		34500	15649				
9022	126 05	101 52	25 13	4 2											1.15		1.10		33400	15150				
9023	129 06	104 53	25 13	4 2											1.19		1.00	1.00	33000	14969				
9024	126 05	101 52	25 13	4 2											1.13		1.00		34000	15422				
9025	127 05	102 52	25 13	4 2											1.13		.90		35000	15876				
9026	123 03	98 50	25 13	4 2											1.12		1.10		33400	15150				
9027	124 04	99 51	25 13	4 2											1.11		1.20	1.20	35200	15967				
9028	135 09	110 57	25 13	4 2											1.20		1.00		35000	15876				
9029	129 06	104 53	25 13	4 2											1.15		1.00		35000	15876				
9030	125 04	100 51	25 13	4 2											1.12		1.00		35000	15695				
9032	125 04	100 51	25 13	4 2											1.11		.90	1.00	35200	15967				
9034	125 04	99 51	26 13	5 3											1.10		1.10		35600	16148				
9040	126 05	100 51	26 13	5 3											1.15		1.00		33300	15105				
9046	120 02	94 48	26 13	5 3											1.09		1.10		33600	15241				
9047	126 05	100 51	26 13	5 3											1.14		1.10		33500	15196				
9053	127 05	103 53	24 12	4 2											1.13		1.10		35200	15967				
9057	131 07	105 54	26 13	5 3											1.18		1.00		34100	15468				
9107	131 07	101 52	30 15	5 3											1.16		.90		35000	15876				
9109	132 08	100 51	32 16	6 3											1.17		.90		35000	15876				
9111	132 08	100 51	32 16	6 3											1.18		1.00		34900	15831				
9112	129 06	97 50	32 16	6 3											1.15		1.00		35000	15876				
9113	127 05	95 49	32 16	6 3											1.13		.90	1.00	35000	15876				
9115	129 06	97 50	32 16	6 3											1.15		.90		34900	15831				
9117	135 09	103 53	32 16	6 3											1.21		1.00	1.00	34500	15649				
9559	125 04	98 50	27 14	2 1											1.22		1.00		29200	13245				

## LANDING DATA - MODEL A-6 USS ENTERPRISE (CVN-65) NIGHT LANDINGS

UNCG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP		OVER RAMP		
		F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M	
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
9000	7.8	2.4	12.8	3.9	12.7	3.9	12.8	3.9						4.0	.070					
9001	10.9	3.3	13.1	4.0	12.9	3.9	13.0	4.0						4.1	.072					
9002	9.0	2.7	9.6	2.9	7.7	2.4	8.7	2.6						2.4	.041					
9005	7.7	2.4	9.5	2.9	9.5	2.9	9.5	2.9	10.3	3.1				2.7	.047					
9006	7.6	2.3	10.2	3.1	9.9	3.0	10.1	3.1						3.0	.052					
9008	11.4	3.5	13.5	4.1	13.4	4.1	13.5	4.1						4.1	.071					
9010	7.2	2.2	14.0	4.3	13.3	4.1	13.7	4.2						4.2	.073					
9011	15.3	4.7	15.0	4.6	14.4	4.4	14.7	4.5						4.4	.076					
9012	10.5	3.2	11.6	3.5	10.9	3.3	11.3	3.4						3.3	.058					
9013	8.3	2.5	7.7	2.4	8.8	2.7	8.4	2.6						2.2	.039					
9015	9.4	2.9	9.6	2.9	10.5	3.2	10.0	3.1						2.6	.045					
9017	10.5	3.2	9.4	2.9	10.1	3.1	9.8	3.0						2.9	.051					
9018	10.2	3.1	7.3	2.2	8.3	2.5	7.2	2.2	9.7	2.9				1.8	.031					
9019	11.7	3.6	13.2	4.0	12.2	3.7	12.7	3.9						4.4	.078					
9021	8.3	2.5	10.4	3.2	10.5	3.2	10.4	3.2						3.6	.064					
9022	13.4	4.1	14.4	4.4	14.5	4.4	14.5	4.4						5.0	.088					
9023	10.3	3.1	10.5	3.2	9.7	3.0	10.1	3.1	9.5	2.9				3.5	.061					
9024	10.0	3.1	10.2	3.1	10.6	3.2	10.4	3.2						3.7	.065					
9025	4.6	1.4	14.7	4.5	11.7	3.6	13.0	4.0						4.5	.079					
9026	12.6	3.8	12.0	3.7	11.6	3.5	11.8	3.6						4.3	.075					
9027	11.7	3.6	9.7	2.9	10.5	3.2	10.1	3.1	10.4	3.2				3.6	.063					
9028	9.1	2.8	11.1	3.4	10.4	3.2	10.8	3.3						3.5	.061					
9029	8.1	2.5	12.2	3.7	11.8	3.6	12.0	3.7						4.1	.071					
9030	10.7	3.3	12.1	3.7	13.4	4.1	12.8	3.9						4.5	.079					
9032	4.9	1.5	5.7	1.7	5.1	1.6	5.3	1.6	4.2	1.3				2.0	.035					
9034	11.2	3.4	13.1	4.0	14.3	4.3	13.8	4.2						4.9	.086					
9040	5.7	1.7	9.1	2.8	9.6	2.9	9.4	2.9						3.4	.059					
9046	10.9	3.3	12.0	3.7	10.4	3.2	11.2	3.4						4.2	.074					
9047	9.9	3.0	9.1	2.8	9.1	2.8	9.1	2.8						3.0	.052					
9053	11.9	3.6	11.5	3.5	12.2	3.7	11.0	3.6						3.8	.066					
9057	10.1	3.1	10.5	3.2	9.2	2.8	10.1	3.1						3.1	.055					
9107	7.3	2.2	8.6	2.6	10.3	3.1	8.7	2.7						2.9	.051					
9109	9.5	2.9	10.1	3.1	8.6	2.7	9.5	2.9						3.1	.055					
9111	9.8	3.0	10.9	3.3	11.7	3.6	11.1	3.4						3.3	.057					
9112	6.4	1.9	11.3	3.4	11.2	3.4	11.3	3.4						3.5	.061					
9113	5.4	1.6	8.4	2.6	7.3	2.2	8.1	2.5	6.9	2.1				2.5	.043					
9115	5.3	1.6	11.2	3.4	10.6	3.2	11.1	3.4						3.6	.062					
9117	7.5	2.3	10.3	3.1	9.9	3.0	10.1	3.1	10.2	3.1				2.7	.047					
9559	10.1	3.1	10.7	3.3	12.0	3.7	11.9	3.6						3.8	.067					

LANDING DATA - MODEL A-6										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LNDC	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	NO	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	FF	TD

LANDING DATA - MODEL A-6										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
LNDG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	LNDG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC	ARR	GEAR	REREAD													
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	KN	M/S	DEG	RAD	DEG	RAD	F	C	IN HG	MM HG	IN	CM	RUNOUTS	NUMBER								
FT	M	FT	M																										
62	83	84	85	86	87	88	89	70	71	72	73	74	75	76	77	78	79	80	81	82									
9000	-14	-4	231	70	820			5	3	-5	-009	-1	-002	64	18	29.96	761.0	0	0.0	0	0								
9001	-17	-5	250	76	801			5	3	-5	-009	-1	-002	64	18	29.96	761.0	0	0.0	0	0								
9002	-12	-4	262	80	821			5	3	-5	-009	-1	-002	64	18	29.96	761.0	0	0.0	0	0								
9003	-12	-4	239	73	2	804	80200	5	3	-5	-009	-1	-002	64	18	29.96	761.0	160	406.4	0	0								
9006	-7	-2	247	75	4	821	50200	5	3	-5	-009	-1	-002	64	18	29.96	761.0	160	406.4	0	0								
9009	-11	-3	233	71	3	820	50200	5	3	-5	-009	-1	-002	64	18	29.96	761.0	170	431.8	0	0								
9010	-14	-4	257	78	3	801	50120	5	3	-5	-009	-1	-002	64	18	29.96	761.0	169	429.3	0	0								
9011	-14	-4	325	98	820	80120		5	3	-5	-009	-1	-002	64	18	29.96	761.0	0	0.0	0	0								
9012	-15	-5	276	84	4	801	50100	5	3	-5	-009	-1	-002	64	18	29.96	761.0	169	429.3	0	0								
9013	-10	-3	277	84	4	821	50200	5	3	-5	-009	-1	-002	64	18	29.96	761.0	169	429.3	0	0								
9015	-12	-4	257	78	3	804	50120	5	3	-5	-009	-1	-002	64	18	29.96	761.0	169	429.3	0	0								
9017	-15	-5	232	71	2	820	50120	4	2	-5	-009	-1	-002	64	18	29.96	759.5	168	426.7	0	0								
9018	-8	-2	241	73	2	821	80200	3	2	-5	-009	-1	-002	64	18	29.96	761.0	168	426.7	0	0								
9019	-9	-3	279	85	804	80120		3	2	-2	.003	-6	-010	64	18	29.96	761.0	0	0.0	0	0								
9021	-12	-4	275	84	4	801	50120	3	2	-2	.003	-6	-010	64	18	29.96	761.0	169	429.3	0	0								
9022	-19	-6	269	82	4	804	50120	3	2	-2	.003	-6	-010	64	18	29.96	761.0	167	424.2	1	1								
9023	-4	-1	327	100	4	821	80120	3	2	-2	.003	-6	-010	64	18	29.96	761.0	167	424.2	0	0								
9024	-12	-4	277	84	4	801	50100	3	2	-2	.003	-6	-010	64	18	29.96	761.0	169	429.3	0	0								
9025	-10	-3	244	74	3	820	50120	3	2	-2	.003	-6	-010	64	18	29.96	761.0	170	431.8	0	0								
9026	-12	-4	249	76	3	820	50120	3	2	-2	.003	-6	-010	64	18	29.96	761.0	169	429.3	0	0								
9027	-10	-3	241	73	2	821	80120	3	2	-2	.003	-6	-010	64	18	29.96	761.0	169	429.3	0	0								
9028	-7	-2	256	78	3	804	50120	3	2	-2	.003	-6	-010	64	18	29.96	761.0	169	429.3	0	0								
9029	-13	-4	259	79	3	804	50120	3	2	-2	.003	-6	-010	64	18	29.96	761.0	168	426.7	0	0								
9030	-2	-1	294	90	820	70120		3	2	-2	.003	-6	-010	64	18	29.95	760.7	0	0.0	0	0								
9032	-8	-2	301	92	3	801	80100	3	2	-2	.003	-6	-010	64	18	29.96	759.5	170	431.8	0	0								
9034	-10	-3	236	72	2	820	50120	3	2	-2	.003	-6	-010	64	18	29.95	760.7	169	429.3	0	0								
9040	-20	-6	220	67	2	861	50120	3	2	-2	.003	-6	-010	64	18	29.95	760.7	168	426.7	0	0								
9046	-14	-4	285	87	4	820	50120	3	2	-2	.003	-6	-010	64	18	29.95	760.7	168	426.7	0	0								
9047	-9	-3	303	92	4	801	50120	3	2	-1	-002	0.0	0.000	64	18	29.95	760.7	167	424.2	0	0								
9053	-9	-3	264	86	3	820	50200	3	2	-1	-002	-1	-002	64	18	29.95	760.7	168	426.7	0	0								
9057	-5	-2	315	96	4	820	50100	3	2	-1	-002	-1	-002	64	18	29.95	760.7	168	426.7	0	0								
9107	-7	-2	268	82	3	808	50100	3	2	0.0	0.000	-2.3	-040	63	17	29.91	759.7	170	431.8	0	0								
9109	-6	-2	308	94	821	70100		3	2	-1	-002	-1.7	-030	63	17	29.91	759.7	0	0.0	0	0								
9111	-8	-2	298	91	820	70100		3	2	-5	-009	1.7	.036	63	17	29.91	759.7	0	0.0	0	0								
9112	-11	-3	221	67	2	821	50100	3	2	-4	-007	-7	-012	63	17	29.91	759.7	168	426.7	0	0								
9113	-14	-4	256	78	2	808	80100	3	2	-4	-007	-1	-002	63	17	29.91	759.7	170	431.8	1	1								
9115	-14	-4	275	84	4	820	50100	3	2	-3	-005	-1	-002	63	17	29.91	759.7	168	426.7	0	0								
9117	-15	-5	248	76	2	801	80120	3	2	-6	-010	-2.6	-045	63	17	29.91	759.7	170	431.8	1	1								
9359	-8	-2	254	77	3	900	50200	5	3	-3	-005	.9	.016	71	22	29.93	760.2	166	421.6	0	0								

**A-7 DAY**

LANDING DATA - MODEL A-7E										USS ENTERPRISE (CVN-60)										DAY LANDINGS				
LNDG NO.	VPAF TD	VE-FILM		WIND-VEL		PAR.		PERP.		VEOR	VPAMIN		VSP'A		KVPA	KV	LIFT TD	LIFT FF	WEIGHT LBS	KG				
		KN	M/S	KN	M/S	KN	M/S	KN	M/S		KN	M/S	KN	M/S							MIN	SP' A		
1	2	148	76	122	63	26	13	2	1	126	65	137	70	1.03	1.03	1.00	1.00	24837	11266					
2	148	76	122	63	26	13	2	1	107	55	137	70	1.06	1.06	1.00	1.00	25137	11402						
4	141	73	115	59	26	13	2	1	110	57	138	71	1.07	1.07	1.00	1.00	24837	11266						
7	147	76	121	62	26	13	2	1	111	57	137	70	1.09	1.09	1.00	1.00	24637	11175						
8	149	77	123	63	26	13	2	1	115	59	137	70	1.05	1.05	1.00	1.00	24437	11085						
10	143	74	117	60	26	13	2	1	121	62	136	70	1.05	1.05	1.00	1.00	24637	11175						
11	143	74	118	61	25	13	2	1	126	65	137	70	1.14	1.14	1.00	1.00	23937	10858						
12	148	76	123	63	25	13	2	1	115	59	135	69	1.03	1.03	1.00	1.00	24537	11130						
13	153	79	128	66	25	13	2	1	118	61	136	70	1.06	1.06	1.00	1.00	24937	11311						
14	140	72	115	59	25	13	2	1	114	59	138	71	1.06	1.06	1.00	1.00	23837	10812						
15	146	75	121	62	25	13	2	1	111	57	134	69	1.08	1.08	1.00	1.00	23737	10767						
16	143	74	118	61	25	13	2	1	109	56	134	69	1.12	1.12	1.00	1.00	23637	10676						
18	145	75	120	62	25	13	2	1	110	57	134	69	1.09	1.09	1.00	1.00	24137	10949						
19	140	72	115	59	25	13	2	1	116	60	132	68	1.07	1.07	1.00	1.00	23637	10722						
21	148	76	123	63	25	13	2	1	116	60	134	69	1.08	1.08	1.00	1.00	23937	10858						
22	145	75	120	62	25	13	2	1	110	56	134	69	1.08	1.08	1.00	1.00	23137	10495						
23	147	76	122	63	25	13	2	1	124	64	135	69	1.07	1.07	1.00	1.00	23737	10767						
24	144	74	119	61	25	13	2	1	109	56	134	69	1.05	1.05	1.00	1.00	25137	11402						
25	146	75	121	62	25	13	2	1	110	57	135	69	1.05	1.05	1.00	1.00	23137	10495						
28	143	74	118	61	25	13	2	1	106	55	132	68	1.07	1.07	1.00	1.00	24637	11175						
29	148	76	122	63	26	13	2	1	112	58	135	69	1.05	1.05	1.00	1.00	23837	10812						
30	144	74	118	61	26	13	2	1	122	63	134	69	1.08	1.08	1.00	1.00	22137	10041						
31	148	76	122	63	26	13	2	1	117	60	138	71	1.05	1.05	1.00	1.00	24937	11311						
32	139	72	113	58	26	13	2	1	107	55	132	68	1.12	1.12	1.00	1.00	24737	11221						
33	149	77	123	63	26	13	2	1	114	59	135	69	1.03	1.03	1.00	1.00	23737	10767						
34	145	75	119	61	26	13	2	1	108	56	138	71	1.06	1.06	1.00	1.00	25037	11357						
35	144	74	118	61	26	13	2	1	116	60	133	68	1.07	1.07	1.00	1.00	23237	10540						
36	145	75	119	61	26	13	2	1	117	60	137	70	1.16	1.16	1.00	1.00	24637	11175						
37	159	82	133	68	26	13	2	1	125	64	137	70	1.05	1.05	1.00	1.00	23837	10812						
38	148	76	122	63	26	13	2	1	107	56	134	69	1.08	1.08	1.00	1.00	24737	11221						
39	144	74	118	61	26	13	2	1	118	58	137	70	1.05	1.05	1.00	1.00	22137	10041						
40	141	73	115	59	26	13	2	1	110	57	136	67	1.08	1.08	1.00	1.00	24937	11311						
41	145	75	119	61	26	13	2	1	117	60	138	71	1.05	1.05	1.00	1.00	24737	11221						
42	147	76	121	62	26	13	2	1	114	59	137	70	1.07	1.07	1.00	1.00	24737	11221						
45	153	79	128	66	25	13	2	1	125	64	137	70	1.03	1.03	1.00	1.00	23737	10767						
49	138	71	113	58	25	13	2	1	115	59	134	69	1.06	1.06	1.00	1.00	25037	11357						
50	142	73	117	60	25	13	2	1	118	61	136	71	1.07	1.07	1.00	1.00	23437	10631						
51	146	75	121	62	25	13	2	1	102	52	138	71	1.07	1.07	1.00	1.00	25037	11357						
52	143	74	118	61	25	13	2	1	116	60	133	68	1.07	1.07	1.00	1.00	23437	10631						
53	148	76	123	63	25	13	2	1	106	55	138	71	1.07	1.07	1.00	1.00	25137	11402						

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL A-7E

LNDG NO.	VPAF		VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A		KVPA	KV	LIFT	LIFT	TD	FF	LBS	KG	
	KN	M/S	KN	M/S	KN	M/S		KN	M/S	KN	M/S									MIN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
54	142	73	117	60	25	13	0	0	111	57	137	70			1.04		1.00	24637	11175	
56	146	75	121	62	25	13	0	0	113	58	132	68			1.11		1.00	22937	10404	
57	147	76	122	63	25	13	0	0	114	59	135	69			1.06		1.00	24137	10949	
58	145	75	120	62	25	13	0	0	127	65	137	70			1.06		1.00	24637	11175	
61	136	72	114	59	25	13	0	0	116	60	136	70			1.03		1.10	24237	10994	
62	150	77	125	64	25	13	0	0	120	62	135	69			1.11		1.10	24137	10949	
63	144	74	119	61	25	13	0	0	110	57	132	68			1.10		1.00	22837	10359	
65	146	75	121	62	25	13	0	0	110	57	132	68			1.11		1.10	23137	10495	
66	141	73	116	60	25	13	0	0	105	54	131	67			1.07		1.10	22637	10268	
67	144	74	119	61	25	13	0	0	123	63	135	69			1.07		1.10	24037	10903	
68	139	72	114	59	25	13	0	0	118	61	135	69			1.03		1.30	24037	10903	
70	150	77	125	64	25	13	0	0	119	61	135	69			1.12		1.00	23937	10858	
71	142	73	117	60	25	13	0	0	120	62	134	69			1.06		1.30	23537	10676	
72	140	72	115	59	25	13	0	0	108	56	132	68			1.07		1.00	22837	10359	
73	145	75	120	62	25	13	0	0	111	57	134	69			1.08		1.10	23837	10812	
74	130	71	113	58	25	13	0	0	105	54	130	67			1.07		1.10	22137	10041	
75	139	72	114	59	25	13	0	0	121	62	133	68			1.04		1.00	23337	10586	
77	144	74	119	61	25	13	2	1	117	60	138	71			1.05		1.00	25037	11357	
80	153	79	128	66	25	13	2	1	124	64	136	70			1.13		1.10	24337	11039	
82	137	70	112	58	25	13	2	1	109	56	132	68			1.04		1.00	22937	10404	
84	144	74	119	61	25	13	2	1	115	59					1.10		1.10			
85	131	67	106	55	25	13	2	1	100	51	139	71			.95		1.00	25037	11357	
86	144	74	119	61	25	13	2	1	112	58	135	69			1.06		1.10	24037	10903	
87	142	73	117	60	25	13	2	1	110	57	128	66			1.11		1.10	21637	9815	
88	141	73	116	60	25	13	2	1	110	57	130	67			1.08		1.10	22137	10041	
89	147	76	122	63	25	13	2	1	120	62	134	69			1.10		1.00	23537	10676	
90	148	76	125	64	23	12	2	1	129	66	130	67			1.14		1.20	22137	10041	
91	147	76	124	64	23	12	2	1	119	61					1.10		1.10			
92	143	74	120	62	23	12	2	1	115	59	135	69			1.06		1.00	24037	10903	
94	139	72	116	60	23	12	2	1	106	55	128	66			1.08		1.10	21737	9860	
97	142	73	117	60	25	13	2	1	122	63	133	68			1.06		1.00	23437	10631	
98	141	73	116	60	25	13	2	1	116	60	128	66			1.10		1.20	21737	9860	
99	141	73	116	60	25	13	2	1	122	63	135	69			1.04		1.00	24037	10903	
100	145	75	120	62	25	13	2	1	115	59	130	67			1.11		1.00	22437	10177	
101	133	68	100	56	25	13	2	1	111	57					1.00		1.00			
102	135	69	110	57	25	13	2	1	113	58	133	68			1.01		1.10	23437	10631	
103	134	69	109	56	25	13	2	1	111	57	138	71			.97		1.00	24937	11311	
106	145	75	120	62	25	13	2	1	112	58	138	71			1.06		1.10	24937	11311	
107	144	74	119	61	25	13	2	1	115	59					1.20		1.20			
110	146	75	121	62	25	13	2	1	112	58	131	67			1.00		1.00	22637	10268	



LANDING DATA - MODEL A-7E										USS ENTERPRISE (CVN-65)										DAY LANDINGS			
LOGG NO.	VPAF TD	VE-FTLM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT		LIFT	WEIGHT								
		KN	M/S	KN	M/S		KN	M/S				KN	M/S		TD	FF	LBS	KG					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
112	141	73	119	61	22	11	2	1	125	64	135	69			1.04		1.10	24137	10949				
121	143	74	118	61	24	12	2	1	119	61	132	68			1.08		1.10	23137	10495				
124	136	72	116	61	21	11	1	1			133	68			1.04		1.20	23337	10586				
126	136	72	118	61	21	11	1	1	106	56	131	67			1.06		.90	22737	10314				
136	150	77	127	65	23	12	2	1	121	62	137	70			1.10		1.20	24637	11175				
141	143	74	120	62	23	12	2	1			136	71			1.03		1.10	25137	11402				
144	151	78	126	66	23	12	2	1	131	67	136	70			1.11		1.10	24537	11136				
145	151	78	128	66	23	12	2	1	129	66	135	69			1.12		1.00	24137	10949				
147	151	78	128	66	23	12	2	1			135	69			1.12		1.00	24037	10903				
149	151	78	126	65	25	13	2	1	123	63	135	69			1.12		.90	23937	10858				
150	149	77	124	64	25	13	2	1	125	64	134	69			1.11		1.00	23737	10767				
151	136	71	113	59	25	13	2	1	112	58							1.00						
152	150	77	125	64	25	13	2	1	128	66	135	69			1.10		1.20	24137	10949				
153	144	74	119	61	25	13	2	1	113	58	133	68			1.09		1.00	23237	10540				
154	149	77	124	64	25	13	2	1	124	64	134	69			1.11		1.00	23637	10722				
156	145	75	120	62	25	13	2	1	120	62	134	69			1.08		1.10	23737	10767				
157	148	76	123	63	25	13	2	1	127	65	134	69			1.10		1.10	23637	10722				
158	155	80	130	67	25	13	2	1	127	65	136	71			1.12		.90	25137	11402				
160	145	75	120	62	25	13	2	1	113	58	131	67			1.10		1.10	22637	10268				
161	142	73	117	60	25	13	2	1	113	58	132	68			1.07		1.00	23137	10495				
162	154	79	129	66	25	13	2	1	128	66	137	70			1.12		1.00	24837	11266				
163	149	77	124	64	25	13	2	1	115	59	132	68			1.12		1.10	23137	10495				
164	147	76	122	63	25	13	2	1	132	68	131	67			1.12		1.10	22737	10314				
165	144	74	118	61	25	13	2	1	113	58	138	71			1.04		1.10	25137	11402				
166	147	76	122	63	25	13	2	1	118	61	136	70			1.08		1.10	24337	11039				
167	142	73	117	60	25	13	2	1	108	56	131	67			1.08		1.10	22737	10314				
168	146	75	121	62	25	13	2	1	114	59	136	71			1.06		1.20	25037	11357				
169	151	78	126	65	25	13	2	1	122	63	135	69			1.12		1.10	24037	10903				
170	155	80	130	67	25	13	2	1	120	62	136	71			1.12		1.10	24937	11311				
171	141	73	117	60	24	12	1	1	107	55	136	70			1.03		1.10	24437	11085				
173	150	77	127	65	23	12	2	1	123	63	137	70			1.09		1.10	24737	11221				
175	144	74	120	62	24	12	2	1	119	61	136	71			1.04		1.10	25137	11402				
178	150	77	122	63	28	14	2	1	128	66	136	71			1.09		1.00	25137	11402				
181	148	76	120	62	28	14	2	1	114	59	135	69			1.09		1.00	24137	10949				
182	146	75	118	61	28	14	2	1	121	62	135	69			1.09		1.10	23937	10858				
183	148	76	120	62	28	14	2	1	118	61	137	70			1.08		1.10	24637	11175				
190	150	77	122	63	28	14	3	2	114	59	134	69			1.12		1.10	23737	10767				
191	154	79	127	65	27	14	3	2	129	66	136	71			1.11		1.00	25137	11402				
192	146	75	118	61	28	14	3	2			135	69			1.08		1.10	24037	10903				
193	146	75	118	61	28	14	3	2	117	60	133	68			1.10		1.10	23337	10586				

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL A-7E

LNOG	VPAF	VE-FILM	WIND-VEL		VEOR	VPAMIN		VSP-A	KVPA	KV	LIFT		LIFT	WEIGHT						
			PAR.	PERP.		KN	M/S				TD	FF		LBS	KG					
NO.	TD	KN	M/S	KN	M/S	KN	M/S	KN	M/S	MIN	SP-A	A	TD	LIFT	LIFT	LBS	KG			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
184	142	73	114	59	28	14	3	2	111	57	135	69			1.05		1.00		24037	10903
195	142	73	117	60	25	13	2	1	114	59	133	68			1.07		1.20		23337	10586
199	151	78	124	64	27	14	1	1	114	59	137	70			1.11		1.10		24637	11175
201	152	78	125	64	27	14	1	1	123	63	131	67			1.16		1.10		22737	10314
202	141	73	115	59	26	13	1	1	118	61	132	68			1.07		1.00		23137	10495
204	145	75	119	61	26	13	1	1	112	58							1.00			
206	141	73	115	59	26	13	1	1	109	56	136	70			1.04		1.00		24437	11085
210	141	73	115	59	26	13	1	1	109	56	130	67			1.08		1.00		22437	10177
212	141	73	115	59	26	13	1	1	117	60	135	69			1.04		1.20	1.20	24137	10949
215	131	67	106	55	25	13	1	1	105	54	130	67			1.01		1.00		22137	10041
639	157	81	125	64	32	16	6	3	122	63	136	70			1.16		1.00		24337	11039
641	157	81	125	64	32	16	6	3	117	60	136	70			1.16		1.20		24237	10994
645	151	78	119	61	32	16	6	3	131	67	134	69			1.12		1.10		23037	10812
648	159	82	127	65	32	16	6	3	114	59	134	69			1.19		1.40		23637	10722
664	148	76	124	64	24	12	2	1	129	66	136	70			1.09		1.00		24437	11085
672	141	73	115	59	26	13	2	1	118	61	134	69			1.05		1.10		23737	10767
686	144	74	119	61	25	13	2	1	123	63	132	68			1.09		1.00		22937	10404
690	143	74	115	59	28	14	2	1	117	60	130	67			1.09		1.00		22437	10177
694	140	72	112	58	28	14	2	1	108	56	130	67			1.08		1.10		22337	10132
699	143	74	116	60	27	14	2	1	115	59	129	66			1.11		1.00		21937	9951
704	141	73	114	58	27	14	2	1	120	62	128	66			1.10		1.10		21537	9769
711	134	69	104	53	30	15	3	2	115	59	130	67			1.03		.90		22337	10132
712	138	71	108	56	30	15	3	2	105	54	131	67			1.06		1.10		22537	10223
714	140	72	110	57	30	15	3	2	114	59	131	67			1.07		1.00		22537	10223
715	140	72	110	57	30	15	3	2	100	51	131	67			1.07		1.10	1.10	22537	10223
716	133	68	103	53	30	15	3	2	108	56	134	69			.99		1.00		23637	10812
720	137	70	107	55	30	15	3	2	109	56	132	68			1.04		.90		22937	10404
726	145	75	117	60	28	14	2	1	120	62	136	70			1.07		1.10		24337	11039
4050	151	78	126	65	25	13	0	0	136	70	138	71			1.10		1.00		25137	11402
4051	147	76	122	63	25	13	0	0	125	64	137	70			1.08		1.00		24637	11175
4633	154	79	122	63	32	16	6	3	130	67	137	70			1.13		1.10		24637	11175

## LANDING DATA - MODEL A-7E

USS ENTERPRISE (CVN-65)

DAY LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT OVER RAMP		HOOK HEIGHT OVER RAMP	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BMW		BVV		FT		M	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
2	15.0	4.6	14.9	4.5	14.6	4.5	14.8	4.5			3.9	.069	4.1	.072	18.8	5.7	15.5	4.7
4	13.3	4.1	13.0	4.0	12.6	3.9	12.8	3.9			3.7	.064	3.7	.064	13.2	4.0	9.7	3.0
7	14.9	4.5	14.1	4.3	14.6	4.5	14.5	4.4			3.8	.067	4.0	.069	16.4	5.0	13.0	4.0
8	13.0	4.0	14.0	4.3	14.0	4.3	14.0	4.3			3.7	.064	3.7	.065	19.2	5.9	15.9	4.9
8	12.6	3.8	11.8	3.6	11.7	3.6	11.8	3.6			3.7	.065	3.3	.057	13.4	4.1	9.7	3.0
10	12.7	3.9	13.1	4.0	12.9	3.9	13.0	4.0			4.0	.070	3.8	.066	19.5	5.9	16.1	4.9
11	13.2	4.0	12.5	3.8	12.1	3.7	12.3	3.7			4.0	.070	3.5	.061	13.3	4.1	9.9	3.0
12	14.6	4.5	14.3	4.4	15.0	4.6	14.6	4.5			3.9	.068	3.8	.067	18.4	5.6	15.2	4.6
13	15.0	4.6	14.8	4.5	15.1	4.6	14.9	4.6			3.6	.062	3.5	.062	17.6	5.4	14.8	4.5
14	11.0	3.6	12.0	3.7	11.8	3.6	11.7	3.6			4.0	.070	3.4	.060	14.7	4.5	11.2	3.4
15	12.4	3.8	13.3	4.0	13.2	4.0	13.2	4.0			3.5	.061	3.5	.061	13.9	4.2	10.5	3.2
16	12.7	3.9	13.9	4.2	12.5	3.8	13.2	4.0			3.9	.069	3.6	.063	16.8	5.1	13.4	4.1
18	14.4	4.4	15.2	4.6	14.6	4.4	14.9	4.5			4.2	.074	3.9	.068	17.9	5.5	14.8	4.5
19	12.2	3.7	12.5	3.8	12.5	3.8	12.5	3.8			3.4	.060	3.4	.059	23.0	7.0	19.7	6.0
21	11.2	3.4	12.0	3.7	11.1	3.4	11.6	3.5			2.9	.051	2.9	.050	15.8	4.8	12.6	3.8
22	10.8	3.3	12.3	3.8	12.8	3.9	12.6	3.8	12.6	3.8	3.6	.062	3.5	.062	17.7	5.4	14.5	4.4
23	9.7	3.0	12.0	3.7	10.8	3.3	11.4	3.5			2.7	.048	2.9	.050	13.4	4.1	10.0	3.0
24	13.0	4.0	14.0	4.3	12.9	3.9	12.7	3.9			3.4	.059	3.3	.058	17.5	5.3	14.4	4.4
25	11.6	3.5	11.6	3.5	11.0	3.3	11.3	3.4			3.4	.059	3.7	.052	16.9	5.2	13.8	4.2
28	13.3	4.0	13.6	4.2	13.7	4.2	13.8	4.2			3.9	.069	3.7	.065	19.8	6.0	16.5	5.0
29	11.3	3.5	11.6	3.5	10.6	3.1	10.8	3.3			3.1	.055	2.8	.049	13.4	4.1	9.9	3.0
30	11.2	3.4	10.7	3.2	9.8	3.0	10.1	3.1			3.9	.068	2.9	.051	13.9	4.2	10.4	3.2
31	12.5	3.8	11.9	3.6	12.7	3.9	12.3	3.8			3.7	.064	3.3	.058	15.7	4.8	12.4	3.8
32	11.8	3.6	11.8	3.6	11.0	3.4	11.4	3.5			4.2	.074	3.3	.058	21.5	6.8	18.1	5.5
33	11.8	3.6	11.8	3.6	11.7	3.6	11.8	3.6			3.4	.059	3.1	.055	15.9	4.8	12.8	3.9
34	10.5	3.2	10.1	3.1	10.4	3.2	10.3	3.1			3.3	.058	2.6	.048	14.7	4.5	11.2	3.4
35	8.6	2.6	9.2	2.8	9.0	2.8	9.1	2.8			3.2	.055	2.5	.044	14.0	4.3	10.5	3.2
36	13.7	4.2	12.4	3.8	12.5	3.8	12.6	3.8			3.6	.063	3.5	.061	20.7	6.3	17.3	5.3
37	11.1	3.4	10.1	3.1	10.1	3.1	10.1	3.1			2.9	.051	2.4	.042	13.2	4.0	10.0	3.0
38	12.7	3.9	14.6	4.5	13.5	4.1	14.1	4.3			3.8	.066	3.9	.068	18.3	5.6	14.9	4.5
39	11.8	3.6	12.3	3.8	12.3	3.7	12.3	3.7			3.3	.058	3.4	.060	15.7	4.6	12.3	3.7
40	9.0	2.7	8.8	2.7	10.0	3.0	9.4	2.9			3.2	.058	2.5	.043	16.3	5.0	12.6	3.9
41	12.7	3.9	12.7	3.9	12.1	3.7	12.4	3.8			3.6	.062	3.2	.057	19.2	5.9	15.7	4.8
42	13.7	4.2	13.7	4.2	12.5	3.8	13.1	4.0			4.0	.070	3.6	.062	16.4	5.0	13.0	4.0
45	11.3	3.4	10.2	3.1	9.7	2.9	9.9	3.0			3.1	.053	2.5	.044	17.4	5.3	14.1	4.3
49	5.8	1.8	11.0	3.3	11.9	3.6	11.5	3.5			3.6	.063	3.1	.055	15.4	4.7	11.9	3.6
50	12.0	3.7	13.7	4.2	13.3	4.1	13.5	4.1			3.3	.058	3.6	.063	16.2	4.9	12.8	3.9
51	7.1	2.2	11.4	3.5	11.0	3.4	11.2	3.4			3.2	.056	2.9	.051	16.0	4.9	12.4	3.8
52	11.9	3.6	11.4	3.5	11.4	3.5	11.4	3.5			3.3	.057	3.1	.054	17.0	5.2	13.8	4.2
53	15.7	4.8	14.5	4.4	14.3	4.3	14.4	4.4			3.9	.067	3.8	.066	18.0	5.5	14.5	4.4

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL A-7E

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BW		BW		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
54	9.1	2.8	9.4	2.9	9.3	2.8	9.4	2.9			2.5	.043	2.4	.042	13.9	4.2	10.4	3.2
56	11.9	3.6	10.5	3.2	10.7	3.3	10.6	3.2			3.2	.056	3.0	.052	18.0	5.5	14.8	4.5
57	10.2	3.1	11.4	3.5	10.9	3.3	11.2	3.4			3.0	.053	3.0	.052	17.3	5.3	13.8	4.2
58	8.6	2.6	10.3	3.1	10.0	3.1	10.1	3.1			3.3	.057	2.8	.048	19.6	6.0	16.0	4.9
61	9.9	3.0	11.0	3.4	11.0	3.4	11.0	3.4			3.7	.065	3.0	.052	17.7	5.4	14.1	4.3
62	14.0	4.3	14.8	4.5	13.7	4.2	14.7	4.5			4.1	.071	3.6	.062	18.5	5.6	15.4	4.7
63	11.5	3.5	10.6	3.2	10.4	3.2	10.5	3.2			3.2	.056	2.9	.050	18.9	5.8	15.5	4.7
65	11.2	3.4	10.1	3.1	11.1	3.4	10.3	3.1			3.1	.054	2.6	.045	15.6	4.8	12.4	3.8
66	12.2	3.7	11.9	3.6	10.1	3.1	11.0	3.3			3.4	.059	3.0	.053	16.1	4.9	12.9	3.9
67	14.4	4.4	14.0	4.3	13.8	4.2	13.9	4.2			4.2	.074	4.0	.069	18.2	5.5	14.7	4.5
69	12.1	3.7	11.0	3.3	9.9	3.0	10.5	3.2	12.1	3.7	3.7	.064	2.9	.051	20.4	6.2	16.8	5.1
70	14.8	4.5	15.1	4.6	13.5	4.1	14.3	4.4			3.6	.063	3.6	.062	16.3	5.0	13.2	4.0
71	12.5	3.8	9.8	3.0	10.4	3.2	10.1	3.1			4.0	.069	2.7	.048	18.1	5.5	14.9	4.5
72	12.7	3.9	13.0	4.0	12.3	3.7	12.7	3.9			3.7	.064	3.6	.064	18.9	5.8	15.7	4.8
73	13.1	4.0	12.4	3.6	12.4	3.8	12.4	3.8			3.7	.065	3.5	.061	16.1	4.9	12.5	3.8
74	12.3	3.8	11.1	3.4	10.1	3.1	10.6	3.2			3.8	.066	3.1	.054	15.3	4.7	11.8	3.6
75	9.3	2.8	11.1	3.4	10.6	3.2	10.8	3.3			3.3	.058	3.1	.055	15.3	4.7	11.6	3.5
77	13.2	4.0	15.2	4.6	13.1	4.6	15.2	4.6			4.1	.071	4.0	.070	21.2	6.5	17.9	5.5
80	10.9	3.3	10.6	3.2	10.4	3.2	10.5	3.2			3.2	.055	2.7	.047	13.3	4.1	10.1	3.1
82	9.9	3.0	10.1	3.1	10.4	3.2	10.3	3.1			3.2	.056	3.0	.052	18.7	5.7	15.1	4.6
84	14.6	4.5	13.4	4.1	12.7	3.9	13.1	4.0			3.9	.069	3.6	.063	21.7	6.6	18.3	5.6
85	10.5	3.2	12.4	3.8	12.5	3.8	12.4	3.8			3.7	.064	3.8	.066	19.6	6.0	15.9	4.9
86	12.4	3.8	11.6	3.5	11.4	3.5	11.5	3.5			3.7	.064	3.1	.054	15.8	4.8	12.3	3.8
87	11.3	3.4	10.7	3.2	10.9	3.3	10.5	3.2			3.5	.061	2.7	.048	16.3	5.0	13.1	4.0
88	10.3	3.1	9.3	2.8	9.1	2.8	9.2	2.8	9.4	2.9	3.7	.064	2.7	.047	15.9	4.8	12.2	3.7
89	13.5	4.1	13.6	4.1	12.4	3.8	13.0	4.0			3.7	.064	3.6	.063	17.5	5.3	14.0	4.3
90	15.5	4.7	13.8	4.2	12.5	3.8	13.2	4.0			3.4	.060	3.3	.057	15.0	4.6	12.1	3.7
91	9.9	3.0	9.9	3.0	9.0	2.8	9.7	3.0			3.0	.053	2.4	.041	14.7	4.5	11.4	3.5
92	12.7	3.9	11.8	3.6	11.9	3.6	11.9	3.6			3.7	.064	3.4	.059	17.3	5.3	13.9	4.2
94	9.5	2.9	9.5	2.9	10.0	3.0	9.9	3.0			3.6	.063	2.8	.049	19.9	6.1	16.3	5.0
97	10.8	3.3	9.2	2.8	9.2	2.8	9.2	2.8			3.2	.055	2.7	.047	13.9	4.2	10.7	3.2
98	10.0	3.0	9.9	3.0	10.3	3.1	10.1	3.1			4.0	.069	2.8	.050	17.3	5.3	14.2	4.3
99	11.6	3.5	10.9	3.3	10.6	3.2	10.8	3.3			3.1	.054	3.0	.052	14.8	4.5	11.6	3.5
100	10.7	3.3	11.4	3.5	11.1	3.4	11.3	3.4			3.4	.059	3.0	.052	15.2	4.6	11.7	3.6
101	11.4	3.5	11.5	3.5	10.2	3.1	11.3	3.5			3.2	.055	3.3	.058	14.8	4.5	11.4	3.5
102	10.4	3.2	10.1	3.1	10.1	3.1	10.1	3.1			3.0	.052	3.0	.053	16.0	4.9	12.9	3.9
103	11.0	3.3	9.9	3.0	9.8	3.0	9.9	3.0			2.7	.047	2.7	.047	16.7	5.1	13.2	4.0
106	11.7	3.6	12.4	3.8	12.3	3.7	12.3	3.8			3.8	.067	3.5	.061	14.7	4.5	11.5	3.5
107	13.1	4.0	12.8	3.9	12.1	3.7	12.4	3.8			3.8	.067	3.1	.055	20.1	6.1	16.9	5.1
110	10.5	3.2	9.6	2.9	9.4	2.9	9.4	2.9			3.1	.054	2.5	.044	16.7	5.1	13.5	4.1

## LANDING DATA - MODEL A-7E USS ENTERPRISE (CVN-65) DAY LANDINGS

UNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE	PORT		STBD		AVG		FREE-FLIGHT		BMW		BVV		OVER RAMP		FT	M	FT	M
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M				
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
112	14.1	4.3	13.9	4.2	13.5	4.1	13.7	4.2			4.1	.072	3.7	.064	16.8	5.1	13.6	4.1		
121	8.6	2.6	7.8	2.4	7.8	2.4	7.8	2.4			2.8	.048	2.1	.037	14.7	4.5	11.2	3.4		
124	10.3	3.1	8.8	2.7	8.6	2.6	8.7	2.7	9.7	3.0			2.4	.042						
126	8.8	2.7	10.0	3.0	9.8	3.0	9.9	3.0			2.7	.047	2.8	.050	13.9	4.2	10.4	3.2		
136	7.4	2.2	10.2	3.1	9.5	2.9	9.9	3.0			3.5	.061	2.4	.042	12.9	3.9	9.5	2.9		
141	12.7	3.9	13.8	4.2	12.6	3.8	13.2	4.0					3.3	.058						
144	10.7	3.3	10.0	3.1	9.8	3.0	9.9	3.0			3.3	.057	2.7	.047	15.7	4.8	12.4	3.8		
145	12.4	3.8	12.9	3.9	13.9	4.2	13.4	4.1			3.7	.064	3.5	.062	20.0	6.1	17.0	5.2		
147	12.3	3.7	11.9	3.6	10.6	3.0	10.9	3.3					2.9	.051						
149	12.7	3.9	13.1	4.0	13.8	4.2	13.4	4.1			3.0	.052	3.2	.056	18.2	5.5	15.2	4.6		
150	12.8	3.9	13.9	4.2	14.0	4.3	14.1	4.3			3.8	.067	3.6	.064	17.5	5.3	14.2	4.3		
151	14.6	4.5	15.6	4.8	15.9	4.8	15.8	4.8			4.6	.079	4.7	.083	23.0	7.0	19.4	5.9		
152	10.7	3.3	10.3	3.1	10.8	3.3	10.6	3.2			3.0	.052	2.4	.041	14.9	4.5	11.6	3.5		
153	11.6	3.5	11.0	3.4	11.7	3.6	11.4	3.5			2.5	.044	2.6	.046	15.5	4.7	12.3	3.8		
154	11.4	3.5	10.8	3.3	11.0	3.4	10.9	3.3			2.9	.051	2.8	.049	14.1	4.3	11.0	3.3		
156	10.2	3.1	9.0	2.8	9.9	3.0	9.5	2.9			2.9	.051	2.5	.043	14.3	4.4	11.0	3.4		
157	9.9	3.0	9.4	2.9	9.1	2.8	9.3	2.8			2.8	.048	2.3	.039	15.8	4.8	12.7	3.9		
158	11.5	3.5	10.6	3.2	11.6	3.5	11.1	3.4			2.6	.046	2.8	.049	13.7	4.2	10.4	3.2		
160	12.8	3.9	13.2	4.0	13.1	4.0	13.2	4.0			3.8	.066	3.6	.063	19.4	5.9	16.1	4.9		
161	13.4	4.1	12.8	3.9	12.4	3.8	12.6	3.8			2.8	.048	2.9	.051	18.7	5.7	15.5	4.7		
162	14.4	4.4	13.7	4.2	12.8	3.9	13.3	4.0			3.6	.063	3.4	.059	17.1	5.2	13.8	4.2		
163	9.5	2.9	9.6	2.9	8.6	2.6	9.3	2.8			2.9	.050	2.4	.043	15.0	4.6	11.8	3.6		
164	10.7	3.3	9.7	3.0	11.3	3.4	10.9	3.3			3.3	.058	2.9	.051	18.9	5.8	15.7	4.8		
165	11.1	3.4	11.8	3.6	12.1	3.7	12.0	3.6			3.7	.065	3.0	.053	19.5	5.9	15.8	4.8		
166	11.3	3.5	12.2	3.7	11.5	3.5	12.0	3.7			3.4	.059	3.2	.055	14.1	4.3	10.7	3.3		
167	11.3	3.5	11.4	3.5	12.1	3.7	11.8	3.6			3.5	.062	3.0	.053	14.8	4.5	11.2	3.4		
168	9.1	2.8	8.6	2.7	8.7	2.6	8.9	2.7			3.3	.057	2.4	.042	18.9	5.8	15.4	4.7		
169	10.6	3.2	10.5	3.2	9.6	2.9	10.1	3.1			3.2	.055	2.6	.045	15.0	4.6	11.6	3.5		
170	12.8	3.9	13.4	4.1	12.9	3.9	13.1	4.0			3.9	.068	3.4	.060	18.3	5.6	15.0	4.6		
171	9.7	3.0	10.2	3.1	8.9	2.7	9.6	2.9			3.1	.054	2.5	.043	16.5	5.0	12.9	3.9		
173	10.3	3.1	10.0	3.1	9.7	3.0	9.9	3.0			2.5	.044	2.2	.039	13.8	4.2	10.7	3.3		
175	13.4	4.1	12.9	3.9	11.8	3.6	12.4	3.8			3.7	.064	3.3	.057	19.1	5.8	15.6	4.8		
178	12.9	3.9	13.2	4.0	12.1	3.7	12.6	3.8			3.5	.062	3.5	.061	17.4	5.3	14.1	4.3		
181	11.7	3.6	13.2	4.0	12.9	3.9	13.1	4.0			3.6	.064	3.7	.064	15.6	4.8	12.2	3.7		
182	9.1	2.8	9.8	3.0	9.0	2.7	9.4	2.9			3.3	.057	2.7	.047	15.7	4.8	12.3	3.8		
183	11.2	3.4	10.8	3.3	9.3	2.8	10.5	3.2			3.1	.054	2.8	.048	15.4	4.7	12.0	3.7		
190	10.7	3.3	11.5	3.5	10.8	3.3	11.2	3.4			2.9	.051	2.5	.044	16.6	5.1	13.4	4.1		
191	9.9	3.0	11.1	3.4	10.4	3.2	10.8	3.3	10.8	3.3			2.4	.041	13.4	4.1	10.1	3.1		
192	12.4	3.8	12.2	3.7	11.4	3.5	11.8	3.6			3.3	.046	3.4	.059						
193	10.2	3.1	9.8	3.0	10.5	3.2	10.1	3.1			3.5	.060	2.9	.051	15.2	4.6	11.9	3.6		

## LANDING DATA - MODEL A-7E

USS ENTERPRISE (CVN-65)

DAY LANDINGS

LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN								GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT						
	NO	NOSE		PORT		STBD		AVG	FREE-FLIGHT		BHW		DEG	RAD	DEG	BVW	FT	M	FT	M	
	22	23	24	25	26	27	28	29	30	F/S	M/S	31	32	33	34	35	36	37	38	39	40
194	10.8	3.3	3.3	10.2	3.1	10.2	3.1	10.2	3.1					3.0	.052	2.6	.046	16.3	5.0	12.8	3.9
195	11.9	3.6	3.6	10.8	3.3	10.6	3.2	10.7	3.3					3.4	.059	2.4	.042	17.5	5.3	14.3	4.3
199	10.1	3.1	3.1	10.7	3.3	10.0	3.1	10.4	3.2					3.0	.053	2.8	.049	13.7	4.2	10.6	3.2
201	10.7	3.3	3.3	10.4	3.2	9.6	2.9	10.1	3.1					3.4	.059	2.7	.048	15.6	4.8	12.4	3.8
202	9.3	2.8	2.8	9.2	2.6	9.0	2.7	9.1	2.8					2.5	.044	2.6	.045	15.3	4.7	11.9	3.6
204	8.7	2.6	2.6	10.2	3.1	9.8	3.0	10.0	3.1					3.2	.055	2.8	.050	15.0	4.6	11.7	3.6
206	12.0	3.7	3.7	13.3	4.0	13.6	4.1	13.4	4.1					3.5	.060	3.9	.067	16.9	5.2	13.5	4.1
210	10.8	3.3	3.3	11.0	3.4	10.4	3.2	10.7	3.3					3.3	.058	3.2	.055	15.8	4.8	12.4	3.8
212	8.1	2.5	2.5	8.4	2.6	7.8	2.4	8.1	2.5	8.6	2.6	3.0		3.0	.052	2.2	.038	13.4	4.1	9.9	3.0
215	10.9	3.3	3.3	9.5	2.9	9.9	3.0	9.7	3.0					3.1	.053	3.4	.059	14.8	4.5	11.4	3.5
639	11.2	3.4	3.4	8.3	2.5	9.9	3.0	9.8	3.0					2.1	.037	2.3	.039	11.7	3.6	8.7	2.7
641	12.9	3.9	3.9	11.6	3.5	12.2	3.7	11.9	3.6					3.2	.055	2.8	.049	13.0	4.2	10.8	3.3
645	11.8	3.6	3.6	13.4	4.1	12.4	3.8	12.9	3.9					3.7	.065	3.4	.059	18.0	5.5	14.9	4.5
648	4.4	1.3	1.3	6.1	1.9	4.2	1.3	4.9	1.5					2.8	.049	1.4	.025	8.0	2.4	4.2	1.3
664	11.6	3.5	3.5	9.5	2.9	9.5	2.9	9.8	3.0					2.5	.044	2.4	.041	10.8	3.3	7.4	2.3
672	10.2	3.1	3.1	11.4	3.5	5.9	1.8	11.0	3.4					3.5	.060	3.4	.060	10.1	3.1	6.6	2.0
686	14.0	4.3	4.3	12.0	3.6	11.1	3.4	11.5	3.5					3.9	.068	3.2	.056	14.3	4.4	10.6	3.2
690	13.5	4.1	4.1	12.7	3.9	13.0	4.0	12.8	3.9					3.5	.061	3.1	.054	18.3	5.6	14.8	4.5
694	12.9	3.9	3.9	13.8	4.2	12.2	3.7	13.0	4.0					3.7	.065	3.3	.058	17.9	5.5	14.4	4.4
699	13.0	4.0	4.0	13.1	4.0	13.1	4.0	13.1	4.0					3.3	.057	3.3	.058	16.5	5.0	13.3	4.0
704	13.1	4.0	4.0	11.8	3.6	11.9	3.6	11.9	3.6					4.0	.070	3.1	.055	16.0	4.9	12.6	3.8
711	12.0	3.7	3.7	13.2	4.0	14.1	4.3	13.6	4.2					3.4	.059	3.8	.067	18.9	5.8	15.6	4.8
712	14.2	4.3	4.3	13.8	4.2	13.6	4.1	13.7	4.2					3.7	.065	3.9	.068	17.0	5.2	13.7	4.2
714	9.3	2.8	2.8	12.7	3.9	12.1	3.7	12.4	3.8					3.2	.055	3.5	.062	14.6	4.5	11.2	3.4
715	10.3	3.1	3.1	10.3	3.1	10.0	3.0	10.1	3.1	10.1	3.1	10.1		2.9	.050	2.9	.051	13.6	4.1	10.2	3.1
716	12.0	3.7	3.7	12.2	3.7	12.7	3.9	12.5	3.8					3.6	.063	4.0	.070	15.0	4.6	11.7	3.6
720	11.9	3.6	3.6	11.4	3.5	10.9	3.3	11.1	3.4					3.0	.052	3.4	.060	14.9	4.5	11.6	3.5
726	3.9	1.2	1.2	11.1	3.4	14.5	4.4	13.6	4.1					3.8	.067	3.9	.069	11.7	3.6	8.4	2.6
4050	13.4	4.1	4.1	11.1	3.4	11.5	3.5	11.3	3.4					3.6	.063	3.0	.053	11.5	3.5	8.0	2.4
4051	7.3	2.2	2.2	7.5	2.3	7.3	2.2	7.4	2.2					2.0	.035	1.9	.032	11.8	3.6	8.2	2.5
4633	14.7	4.5	4.5	14.1	4.3	13.8	4.2	13.9	4.2					3.4	.060	3.7	.064	13.9	4.2	10.7	3.3

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL A-7E

UNDG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
2	7.6	.133	7.9	.136									1.0	.017	2.4	.042	-3.2	-.056	.2	.003				
4	8.3	.162	8.1	.150									2.1	.037	3.1	.054	-2.6	-.049	5.0	.101				
7	7.2	.126	8.4	.147									1.4	.024	-5.9	-.103	-2.7	-.047	1.3	.023				
8	9.0	.157	8.0	.140									-2.6	-.045	-1.1	-.002	-3.1	-.054	-9	-.016				
9	7.5	.131	10.3	.180									3.0	.052	.7	.012	-2.9	-.051	-1.8	-.031				
10	8.7	.152	8.2	.143									.8	.014	1.6	.026	-2.8	-.049	-8	-.014				
11	9.5	.166	8.5	.148									-1.1	.030	3.1	.054	-3.0	-.052	.3	.005				
12	7.4	.129	7.4	.129									.3	.005	-2.4	-.042	-3.2	-.056	1.1	.019				
13	6.3	.116	5.4	.094									-3.1	-.054	-1.0	-.017	-3.3	-.058	2.0	.035				
14	8.6	.168	8.9	.155									-1.9	-.009	.8	.010	-3.8	-.066	3.0	.052				
15	7.9	.138	8.9	.155									-1.7	-.030	4.6	.080	-3.4	-.059	.6	.010				
16	8.7	.152	8.4	.147									-1.3	-.023	-2.2	-.003	-4.6	-.080	7.0	.122				
18	8.1	.141	6.6	.115									-1.3	-.023	6.6	.115	-2.5	-.044	-5	-.009				
19	7.6	.133	8.7	.152									-4.4	-.077	9.9	.173	-2.2	-.038	-3.4	-.059				
21	8.0	.140	8.4	.147									1.0	.017	19.9	.347	-3.1	-.054	-7	-.012				
22	9.0	.157	8.0	.140	8.8	.154							.5	.009	5.2	.091	-3.6	-.063	.9	.016				
23	7.7	.134	9.9	.173									-1.6	-.028	.6	.010	-3.4	-.059	-3	-.005				
24	6.8	.119	7.5	.131									3.9	.068	4.1	.072	-3.5	-.061	2.4	.042				
25	7.6	.133	7.7	.134									1.8	.031	-6.1	-.106	-4.3	-.075	4.6	.080				
26	8.7	.152	7.9	.138									1.8	.031	5.7	.099	-3.5	-.061	1.9	.033				
28	8.1	.141	10.0	.175									.7	.012	.5	.009	-3.5	-.061	1.3	.023				
30	8.5	.148	9.3	.162									1.4	.024	-2.2	-.038	-4.6	-.080	3.6	.063				
31	7.4	.129	8.0	.140									1.9	.033	1.1	.019	-4.3	-.075	1.7	.030				
32	8.9	.173	8.2	.143									4.0	.086	-2.4	-.042	-3.9	-.068	-6	-.010				
33	7.9	.138	7.5	.131									3.4	.059	-1.1	-.002	-2.9	-.051	-4	-.007				
34	9.5	.166	10.0	.175									-4.6	-.080	8.4	.147	-2.7	-.047	-4.2	-.073				
35	8.8	.154	9.7	.169									-2.3	-.040	.5	.009	-3.8	-.066	1.5	.026				
36	7.1	.124	8.7	.152									.8	.014	-8.8	-.154	-3.2	-.056	-1.2	-.021				
37	6.8	.118	8.6	.150									1.7	.030	4.5	.079	-2.7	-.047	-3	-.005				
38	8.2	.143	8.8	.154									1.8	.031	8.0	.154	-2.5	-.044	-3.7	-.065				
39	7.9	.138	9.4	.164									2.9	.051	4.2	.073	-2.4	-.042	-2.2	-.038				
40	9.2	.161	9.6	.168									.3	.005	-6.3	-.110	-3.0	-.052	1.7	.030				
41	8.1	.141	9.2	.161									-4.2	-.073	3.0	.052	-2.9	-.051	-2.7	-.047				
42	7.7	.134	8.2	.143									-1.1	-.019	2.9	.051	-2.9	-.051	1.3	.023				
45	5.4	.094	8.8	.154									2.6	.045	.3	.005	-3.7	-.065	-1.0	-.017				
49	10.1	.176	9.6	.168									4.8	.084	1.9	.033	-4.0	-.070	2.8	.049				
50	8.1	.141	9.3	.162																				
51	10.7	.187	10.3	.180																				
52	8.4	.147	7.9	.136																				
53	5.7	.099	9.0	.157																				

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL A-7E

LNOG	PITCH ANGLE			ROLL ANGLE			PITCH RATE			ROLL RATE			F. P. A.			YAW				
	NO	TD	OR	TD	OR	FF	TD	DEG	RAD	DEG	RAD	DEG	AT	TD	DEG	AT	TD	DEG	RAD	DEG
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
54	8.0	140	10.8	180			.1	.002	0.0	0.000			-1.0	-.017	1.0	.017	-3.4	-.059	-1.4	-.024
56	6.5	113	8.2	143			-3.5	-.061	-1.0	-.017			4.7	.082	-2.2	-.036	-4.6	-.080	1.2	.021
57	8.4	147	10.1	176			-1.7	-.030	4.2	.073			-3.7	-.065	3.5	.061	-3.5	-.061	-4.4	-.077
58	9.6	168	10.3	180			.7	.012	1.3	.023			-1.1	-.019	2.1	.037	-3.5	-.061	-2	-.003
61	11.3	197	9.9	173			.1	.002	3.4	.059			2.9	.051	.3	.005	-3.1	-.054	1.0	.017
62	8.3	145	8.8	119			-.7	-.012	2.4	.042			-3.1	-.054	2.0	.035	-3.4	-.059	1.2	.021
63	8.0	105	9.4	164			-2.6	-.045	-1	-.002			3.5	.061	1.9	.033	-4.1	-.072	1.2	.021
65	8.9	120	8.4	147			-2.8	-.049	-1.6	-.028			4.0	.070	-3.9	-.068	-3.5	-.061	-2.3	-.040
66	8.0	140	8.1	141			-2.2	-.038	-1.6	-.010			2.3	.040	14.3	.250	-2.6	-.045	-7	-.012
67	9.0	157	8.7	152			0.0	.000	-1.1	-.019			2.3	.040	1.9	.033	-3.5	-.061	-2	-.003
69	11.0	206	9.0	173	12.9	.225	-1.1	-.019	1.4	.024	.2	.003	5.1	.089	8.0	.140	-3.5	-.061	1.6	.028
70	5.9	103	7.4	129			.9	.016	1.3	.023			1.9	.033	12.7	.222	-4.0	-.070	2.8	.049
71	8.2	143	7.2	126			-1.6	-.028	-1.6	-.010			8.6	.150	-4.5	-.079	-2.9	-.051	-4.0	-.070
72	7.5	131	7.0	138			-7.1	-.124	-4.1	-.072			1.9	.033	4.7	.082	-3.9	-.068	-3.3	-.058
73	8.3	145	9.6	166			-2.5	-.044	-5	-.009			2.1	.037	-3	-.005	-3.1	-.054	-2.2	-.038
74	7.5	131	9.5	166			-.7	-.012	1.6	.028			7.1	.124	7.6	.133	-3.3	-.058	2.2	.038
75	11.6	202	10.7	187			.3	.005	2.4	.042			-1.7	-.030	3.6	.063	-2.9	-.051	-5	-.009
77	8.4	147	7.6	133			-2.0	-.035	.3	.005			-6.6	-.115	.7	.012	-2.4	-.042	-2.0	-.035
80	7.8	136	8.3	145			-1.3	-.023	1.3	.023			1.4	.024	.9	.016	-3.8	-.068	-1.7	-.030
82	9.4	164	10.2	178			-6	-.010	3.0	.052			-1.6	-.028	-2.7	-.047	-4.0	-.070	.8	.014
84	8.8	119	8.6	150			-2.4	-.042	4.3	.075			4.8	.080	5.6	.098	-4.0	-.070	-1.0	-.017
85	8.3	145	10.4	161			1.3	.023	-9	-.016			1.2	.021	-3	-.005	-3.6	-.063	.7	.012
86	8.9	155	9.1	150			-.3	-.005	-4.9	-.086			2.2	.038	1.4	.024	-4.0	-.070	2.1	.037
87	7.7	134	7.8	136	11.3	.197	-1.5	-.026	2.2	.038	.1	.002	1.7	.030	2.4	.042	-4.4	-.077	4.2	.073
88	11.1	194	10.5	183			-.7	-.012	3.0	.052			-9	-.016	8.8	.154	-3.7	-.065	-1.4	-.024
89	8.7	152	9.1	159			-2.8	-.049	2.3	.040			-3.5	-.061	9.6	.168	-3.0	-.052	-1.4	-.024
90	7.7	134	6.3	110			-2.3	-.040	3.5	.061			2	.003	2.1	.037	-4.1	-.072	2.2	.038
91	9.4	164	9.1	159			-1.6	-.028	-2.9	-.051			2.7	.047	-.2	-.003	-3.7	-.065	.7	.012
92	6.9	120	8.9	155			-1.3	-.023	-2.7	-.047			.9	.016	-1.1	-.019	-4.9	-.088	3.1	.054
94	9.7	169	10.1	176			.6	.010	-1.9	-.033			4.7	.082	-.4	-.007	-1.8	-.031	4.4	.077
97	7.1	124	8.4	147			2.0	.035	5.0	.087			1.8	.031	-3.5	-.061	-3.9	-.068	4.0	.070
98	8.0	140	8.9	120			-1.5	-.026	1.9	.033			3.1	.054	2.2	.038	-3.8	-.066	7.4	.129
99	6.4	112	8.4	147			-.6	-.010	3.7	.065			.7	.012	1.9	.033	-3.6	-.063	6.8	.119
100	9.1	159	9.7	169			-1.6	-.028	1.5	.026			-2	-.003	3.2	.056	-1.9	-.033	4.3	.075
101	8.7	152	9.1	159			-2.6	-.045	-9	-.016			1.6	.028	-.5	-.009	-2.9	-.051	5.5	.096
102	7.8	136	7.8	136			.4	.007	.4	.007			3.8	.066	.8	.014	-2.4	-.042	3.9	.068
103	7.6	133	10.2	178			-1.0	-.017	2.7	.047			-2.3	-.040	.7	.012	-3.4	-.059	-8	-.014
106	10.3	180	7.7	134			-1.5	-.026	2.8	.049			2.3	.040	5.2	.091	-3.4	-.059	2.4	.042
107	8.2	143	7.7	134			-2.1	-.037	-4.3	-.075			4.2	.073	.3	.005	-3.8	-.066	3.0	.052
110	6.9	120	8.5	148			6.0	.105	3.0	.052										



LANDING DATA - MODEL A-7E										USS ENTERPRISE (CVN-65)										DAY LANDINGS										
LNOG	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW				
	TD	OR	DEG	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	TD	OR	DEG	RAD	DEG	FF	TD	OR	DEG	AT TD	AT TD	AT TD	AT TD	AT TD	AT TD	AT TD	AT TD	AT TD	AT TD
41	9.9	.173	7.4	.129																										
112	9.3	.162	10.2	.178																										
121	10.3	.180			10.4	.181																								
124	7.6	.133	10.3	.180																										
126	7.2	.126	9.1	.159																										
136	7.2	.126	9.1	.159																										
141	7.5	.131																												
144	7.3	.127	8.9	.155																										
145	7.8	.136	8.8	.119																										
147	5.4	.094																												
149	5.9	.103	7.2	.126																										
150	8.2	.143	8.0	.140																										
151	9.4	.164	8.9	.155																										
152	9.5	.166	9.0	.157																										
153	8.1	.141	8.8	.154																										
154	7.0	.122	8.0	.140																										
156	7.8	.136	9.0	.157																										
157	8.6	.154	8.1	.141																										
158	4.9	.086	9.6	.160																										
160	7.9	.138	7.9	.138																										
161	6.5	.113	8.7	.152																										
162	5.8	.101	8.2	.143																										
163	7.1	.124	8.7	.152																										
164	7.1	.124	8.2	.143																										
165	10.9	.190	10.4	.181																										
166	7.9	.138	9.1	.159																										
167	10.1	.176	10.1	.176																										
168	9.9	.173	9.7	.169																										
169	7.2	.126	9.1	.159																										
170	7.6	.136	7.9	.138																										
171	11.4	.199	10.8	.186																										
173	7.1	.124	8.4	.147																										
175	8.1	.141	8.4	.147																										
178	6.8	.119	8.5	.148																										
181	8.8	.154	9.1	.159																										
182	8.0	.140	9.2	.161																										
183	8.3	.145	9.2	.161																										
190	8.2	.143	8.2	.143																										
191	9.4	.164	9.5	.166	9.3	.162																								
192	7.7	.134																												
193	7.9	.138	8.5	.148																										

LANDING DATA - MODEL A-7E										USS ENTERPRISE (CVN-65)										DAY LANDINGS															
LNOG	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW									
	TD	OR	FF	DEG	RAD	TD	OR	FF	DEG	RAD	TD	OR	FF	DEG	RAD	TD	OR	FF	DEG	RAD	TD	OR	FF	DEG	RAD	TD	OR	FF	DEG	RAD	TD	OR	FF	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61															
194	8.4	.147	10.1	.176			-1.4	-.024	.6	.010			2.5	.044	.1	.002	-3.9	-.068	0.0	0.000															
195	8.1	.141	8.2	.143			-.1	-.002	2.0	.035			6.2	.108	2.9	.051	-3.0	-.052	.4	.007															
199	9.3	.162	7.9	.138			-.1	-.002	-1.2	-.021			-.6	-.010	5.4	.094	-3.5	-.061	.6	.010															
201	5.3	.092	8.1	.141			-3.2	-.056	1.7	.030			5.3	.092	4.5	.079	-3.7	-.065	-1.2	-.021															
202	6.1	.106	9.7	.169			-.3	-.005	-2.2	-.038			.9	.016	1.3	.023	-3.4	-.059	-2.1	-.037															
204	8.0	.140	8.6	.150			-.4	-.007	6.8	.119			-2.4	-.042	3.0	.052	-2.6	-.045	-3.3	-.058															
206	9.7	.169	9.1	.159			-.4	-.007	-.3	-.005			-3.9	-.068	-2.8	-.049	-2.8	-.049	-2.8	-.049															
210	8.2	.143	9.3	.162			-.9	-.016	.9	.016			-.2	-.003	5.1	.089	-3.4	-.059	-.4	-.007															
212	10.3	.180	10.1	.176	10.5	.183	1.5	.026	-.1	-.002	1.5	.026	2.3	.040	4.7	.082	-3.6	-.063	.9	.016															
215	7.1	.124	9.3	.162			.3	.005	-2.0	-.035			4.4	.077	-3.0	-.052	-3.6	-.063	6.7	.117															
639	5.2	.091	8.1	.141			3.7	.065	.9	.016			4.8	.084	-1.7	-.030	-4.2	-.073	1.9	.033															
641	7.6	.133	7.2	.126			-.1	-.002	-.9	-.016			2.9	.051	-4.1	-.072	-3.4	-.059	-.2	-.003															
645	6.9	.120	7.2	.126			1.1	.019	4.6	.080			2.0	.035	7.2	.126	-3.1	-.054	4.9	.086															
648	11.3	.197	12.1	.211			-4.1	-.072	5.4	.094			10.4	.181	18.1	.316	-3.5	-.061	.5	.009															
664	7.1	.124	9.7	.169			2.4	.042	.8	.014			6.7	.117	4.6	.080	-3.7	-.065	5.5	.096															
672	9.1	.159	9.3	.162			.7	.012	4.5	.079			1.8	.031	6.2	.108	-2.2	-.038	5.8	.101															
686	9.2	.161	10.0	.175			.2	.003	6.4	.112			4.9	.086	6.5	.113	-3.2	-.056	2.7	.047															
690	7.9	.130	9.5	.166			-.2	-.003	0.0	0.000			2.5	.044	-2.9	-.051	-4.2	-.073	5.5	.096															
694	9.4	.164	9.3	.162			-.7	-.012	4.9	.086			.2	.003	12.7	.222	-3.3	-.058	4.4	.077															
699	8.2	.143	8.2	.143			-.4	-.007	-.5	-.009			-2.3	-.040	.3	.005	-3.9	-.068	2.9	.051															
704	8.4	.147	8.4	.147			.3	.005	5.2	.091			4.7	.082	-.9	-.016	-3.6	-.063	4.1	.072															
711	7.9	.130	8.5	.148			1.5	.026	-1.0	-.017			-5.7	-.099	-7.1	-.124	-1.5	-.026	4.5	.079															
712	10.0	.175	8.3	.145			-.2	-.003	.8	.014			2.3	.040	2.0	.035	-2.6	-.045	7.7	.134															
714	10.1	.176	9.5	.166			3.6	.063	1.0	.017			-6.6	-.115	5.0	.087	-4.7	-.082	8.6	.154															
715	9.2	.161	9.7	.169	9.2	.161	1.3	.023	.4	.007	1.3	.023	1.0	.017	2.7	.047	-2.5	-.044	5.3	.092															
716	9.1	.159	8.3	.145			3.0	.052	4.7	.082			.9	.016	-3.0	-.052	-1.3	-.023	5.1	.089															
720	6.0	.105	8.9	.155			.7	.012	1.1	.019			3.5	.061	3.5	.081	-5.9	-.103	9.4	.164															
726	10.9	.190	7.8	.136			1.7	.030	4.2	.073			-4.3	-.075	-13.1	-.229	-2.8	-.049	4.3	.075															
4050	6.4	.112	9.5	.166			2.2	.038	2.7	.047			7.5	.131	-3.0	-.052	-3.0	-.052	3.1	.054															
4051	7.5	.131	11.6	.202			2.2	.038	-1.6	-.028			-.3	-.005	1.0	.017	-4.5	-.079	-1.4	-.024															
4633	7.1	.124	7.8	.136			.6	.010	4.9	.086			2.9	.051	2.3	.040	-3.2	-.056	-.2	-.003															

LANDING DATA - MODEL A-7E										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDG NO.	OFF-CENTER		RAMP TO TD	WIRE	SIDE	LNDG NO.	TYPE	FLAP	SHIP	DECK PITCH				DECK ROLL	TEMP	BAROMETRIC				ARR	GEAR	REREAD							
	FT	M								FT	M	KN	M/S			DEG	RAD	DEG	RAD				F	C	IN HG	MM HG	IN	CM	
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
2	-12	-4	267	81		251	70123		3	2					59	15			0	0.0		0							
4	-10	-3	196	60		251	70120		3	2	-1	-.002	-6	-.010	59	15			0	0.0		2							
7	-10	-3	233	71	4	231	50123		3	2	-1	-.002	-1.1	-.019	59	15			0	0.0		0							
8	-8	-2	276	84		250	70120		3	2	-2	-.003	-7	-.012	59	15			0	0.0		2							
9	-16	-5	201	61	2	251	50123		3	2					59	15			0	0.0		0							
10	-7	-2	270	82	3	250	50120		3	2					59	15			0	0.0		2							
11	-13	-4	184	56		237	70120		3	2					59	15			0	0.0		0							
12	-11	-3	252	77		1	70123		3	2	-2	-.003	-9	-.016	59	15			0	0.0		0							
13	-10	-3	247	75		6	70123		3	2	-4	-.007	-4	-.007	59	15			0	0.0		2							
14	-13	-4	204	62	2	237	50200		3	2					59	15			0	0.0		0							
15	-13	-4	210	64	2	231	50120		3	2	-2	-.003	-7	-.012	59	15			0	0.0		2							
16	-6	-2	226	69		1	70120		3	2	-2	-.003	-7	-.012	59	15			0	0.0		0							
18	-11	-3	220	67	2	251	50120		3	2	-3	-.005	-6	-.010	59	15			0	0.0		0							
19	-4	-1	342	104		250	60123		3	2	-3	-.005	-6	-.010	59	15			0	0.0		2							
21	-8	-2	272	83	3	6	50120		3	2	-3	-.005	-5	-.009	59	15			0	0.0		0							
22	-2	-1	278	85	3	250	50120		3	2	0	0.000	-1.4	-.024	59	15			0	0.0		0							
23	-7	-2	247	75	3	237	50120		3	2	-3	-.005	-6	-.010	59	15	30.06	763.5	0	0.0		0							
24	-7	-2	265	81	3	231	50100		3	2	-3	-.005	-1.1	-.019	59	15	30.06	763.5	0	0.0		0							
25	-8	-2	265	81	3	237	50120		3	2	-2	-.003	-9	-.016	59	15	30.06	763.5	0	0.0		2							
28	-5	-2	267	81	3	250	50120		3	2	-2	-.003	-8	-.014	59	15	30.06	763.5	0	0.0		2							
29	-13	-4	224	68	2	6	50120		3	2	-2	-.003	-5	-.009	59	15	30.06	763.5	0	0.0		1							
30	-13	-4	200	61	2	237	50200		3	2					59	15	30.06	763.5	0	0.0		0							
31	-11	-3	233	71		231	50120		3	2	-1	-.002	-9	-.016	59	15	30.06	763.5	0	0.0		0							
32	-17	-5	276	84	3	250	50120		3	2	-1	-.002	-4	-.007	59	15	30.06	763.5	0	0.0		1							
33	-10	-3	255	78	3	6	50120		3	2	-1	-.002	-6	-.010	59	15	30.06	763.5	0	0.0		1							
34	-14	-4	227	69		231	70120		3	2	-3	-.005	-7	-.012	59	15	30.06	763.5	0	0.0		1							
35	-14	-4	240	73	3	237	50120		3	2	-1	-.002	-2	-.003	59	15	30.06	763.5	0	0.0		1							
36	-7	-2	310	94		245	70100		3	2	-1	-.002	-9	-.016	59	15	30.06	763.5	0	0.0		0							
37	-1	0	237	72		253	70123		3	2	-2	-.003	-7	-.012	59	15	30.06	763.5	0	0.0		2							
38	-10	-3	269	82	3	1	50120		3	2					59	15	30.06	763.5	0	0.0		0							
39	-11	-3	254	77	3	231	50120		3	2	-1	-.002	-1	-.002	59	15	30.06	763.5	0	0.0		0							
40	-12	-4	259	79	3	250	50120		3	2	-3	-.005	-7	-.012	59	15	30.06	763.5	0	0.0		1							
41	-6	-2	276	84		245	70120		3	2	-3	-.005	-4	-.007	59	15	30.06	763.5	0	0.0		1							
42	0	0	222	66		253	70120		3	2	-1	-.002	-3	-.005	59	15	30.06	763.5	0	0.0		1							
45	-6	-2	304	93		245	60300		4	2	-1	-.002	-2	-.003	59	15	30.15	765.8	0	0.0		0							
49	-12	-4	215	66	3	231	50200		4	2	-3	-.005	-3	-.005	59	15	30.15	765.8	0	0.0		0							
50	-10	-3	247	75	3	1	50120		4	2	-3	-.005	-3	-.005	59	15	30.15	765.8	0	0.0		0							
51	-6	-2	259	79		237	70120		4	2	-2	-.003	-4	-.007	59	15	30.15	765.8	0	0.0		2							
52	-7	-2	269	82	3	245	50120		4	2	-2	-.003	-2	-.003	59	15	30.15	765.8	0	0.0		0							
53	-11	-3	244	74	3	234	50123		4	2	-2	-.003	-6	-.010	59	15	30.15	765.8	0	0.0		0							

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL A-7E

LNDC	OFF-CENTER	RAMP TO TD	WIRE SIDE	LNDC	FLAP	SHIP	DECK PITCH		DECK ROLL		TEMP	BAROMETRIC			ARR GEAR	REAR				
							DEG	RAD	DEG	RAD		F	C	IN HG			MM HG	IN	CM	
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	KN	M/S	DEG	RAD	DEG	RAD	F	C	IN	CM	RUNOUTS	NUMBER	
FT	M	FT	M					70	71	72	73	74	75	76	77	78	79	80	81	82
62	63	64	65	66	67	68	69													
54	4	1	276	84		235	70120	4	2	-3	-005	-8	-014	59	15	30.15	765.8	0	0.0	0
56	-8	-3	310	94	4	245	50123	4	2					59	15	30.15	765.8	0	0.0	0
57	-2	-1	304	83	4	235	50120	4	2	-1	-002	-4	-007	59	15	30.15	765.8	0	0.0	0
58	-8	-2	319	97	4	237	70120	4	2	-1	-002	-2	-003	59	15	30.15	765.8	0	0.0	0
61	-8	-3	242	74	3	237	50120	4	2	-3	-005	-5	-009	59	15	30.15	765.8	0	0.0	0
62	-8	-3	228	69	3	234	50100	4	2	-4	-007	-5	-009	59	15	30.15	765.8	0	0.0	1
63	-8	-2	315	94	4	245	60123	4	2	-1	-002	-7	-012	59	15	30.15	765.8	0	0.0	0
65	-8	-3	255	78	3	251	50100	4	2	-3	-005	-9	-010	59	15	30.15	765.8	0	0.0	2
66	-13	-4	248	78	3	245	50120	4	2	-2	-003	-4	-007	59	15	30.15	765.8	0	0.0	0
67	-8	-3	236	72	3	1	50120	4	2					59	15	30.15	765.8	0	0.0	0
69	-8	-2	269	88	3	237	50120	4	2	-2	-003	-8	-014	59	15	30.15	765.8	0	0.0	0
70	-8	-2	230	70	3	234	50123	4	2	-3	-005	-5	-009	59	15	30.15	765.8	0	0.0	0
71	-7	-2	238	73	3	235	50120	4	2	-2	-003	-3	-005	59	15	30.15	765.8	0	0.0	1
72	-13	-4	277	84	3	251	50100	4	2	-1	-002	-3	-005	59	15	30.15	765.8	0	0.0	0
73	-9	-3	238	73	3	1	50120	4	2					59	15	30.15	765.8	0	0.0	0
74	-13	-4	218	66	3	231	50120	4	2	-1	-002	-6	-010	59	15	30.15	765.8	0	0.0	0
75	-8	-3	245	75	3	237	50120	4	2	-1	-002	-7	-012	59	15	30.15	765.8	0	0.0	0
77	-8	-3	268	82	3	1	50120	4	2	-3	-005	-9	-010	59	15	30.15	765.8	0	0.0	1
80	-8	-3	224	68	2	253	50120	4	2	-1	-002	-5	-009	59	15	30.15	765.8	0	0.0	1
82	-7	-2	311	95	4	237	50120	4	2	-1	-002	-8	-014	59	15	30.15	765.8	0	0.0	0
84	-8	-3	296	90	4	245	50120	4	2	-1	-002	-1	-002	59	15	30.15	765.8	0	0.0	0
85	-8	-3	277	84	3	24	50120	4	2	-2	-003	-9	-010	59	15	30.15	765.8	0	0.0	0
86	-11	-4	225	69	2	250	50120	4	2	-2	-003	-5	-009	59	15	30.15	765.8	0	0.0	0
87	-16	-5	239	73	3	231	50100	3	2	-3	-005	-1	-024	59	15	30.15	765.8	0	0.0	0
88	-12	-4	241	73	2	237	50120	3	2					59	15	30.15	765.8	0	0.0	0
89	-13	-4	266	81	3	245	50120	3	2	0	0.000	-1	-019	59	15	30.15	765.8	0	0.0	0
90	-12	-4	225	69	3	253	50120	3	2	-3	-005	-1	-019	59	15	30.15	765.8	0	0.0	0
91	-16	-5	246	75	3	6	50100	3	2	-3	-005	-1	-017	59	15	30.15	765.8	0	0.0	0
92	-12	-4	264	80	3	250	50120	3	2					59	15	30.15	765.8	0	0.0	0
94	-8	-2	299	91	4	237	50200	3	2	-1	-002	-1	-024	59	15	30.15	765.8	0	0.0	0
97	-11	-3	244	74	3	250	50200	3	2	0	0.000	-5	-009	59	15	30.15	765.8	0	0.0	2
98	-8	-3	238	73	2	253	50120	3	2	-1	-002	-2	-003	59	15	30.15	765.8	0	0.0	0
99	-8	-3	250	76	3	234	50123	3	2	-2	-003	-3	-005	59	15	30.15	765.8	0	0.0	0
100	-13	-4	235	72	2	6	50200	3	2	-2	-003	-6	-010	59	15	30.15	765.8	0	0.0	1
101	-8	-3	245	75	3	235	70100	3	2	-2	-003	-6	-010	59	15	30.15	765.8	0	0.0	0
102	-2	-1	287	87	4	250	50120	3	2	-1	-002	-8	-014	59	15	30.15	765.8	0	0.0	0
103	-3	-1	299	91		235	70120	3	2	-4	-007	-8	-014	59	15	30.15	765.8	0	0.0	0
106	-12	-4	214	65	3	235	50120	3	2	0	0.000	-1	-002	59	15	30.15	765.8	0	0.0	2
107	-15	-5	266	81	3	251	50123	3	2	-4	-007	-6	-010	59	15	30.15	765.8	0	0.0	1
110	-5	-2	293	89		250	60200	3	2	-1	-002	-2	-003	59	15	30.15	765.8	0	0.0	2

LANDING DATA - MODEL A-7E										USS ENTERPRISE (CVN-65)					DAY LANDINGS					
UNDG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	UNDG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC			ARR	GEAR	REAR		
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED						PRESSURE			RUNOUTS	NUMBER			
	FT	M	FT	M			KN	M/S	DEG	DEG	DEG	F	C	IN HG	MM HG	IN	CM			
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
112	-12	-4	217	66	2	1	50120	3	2	-2	-0.003	-4	-0.007	59	15	30.15	765.8	0	0.0	0
121	-7	-2	285	87	4	235	50120	4	2	-1	-0.002	-3	-0.005	59	15	30.15	765.8	0	0.0	1
124	-10	-3	238	73	2	235	50120	4	2	-1	-0.002	-3	-0.005	59	15	30.15	765.8	0	0.0	1
126	-4	-1	287	87	4	235	50120	4	2	0.0	0.000	.1	.002	59	15	30.15	765.8	0	0.0	1
136	-3	-1	192	50	1	245	50120	4	2	-2	-0.003	-4	-0.007	60	16	30.06	763.5	171	434.3	1
141	-9	-3	291	89	4	234	50120	4	2	-4	-0.007	-1.0	-0.017	60	16	30.06	763.5	169	429.3	0
144	-11	-3	274	84	4	234	50100	5	3	.1	.002	-5	-0.009	60	16	30.06	763.5	169	429.3	1
145	-9	-3	300	91	4	251	50120	5	3					60	16	30.06	763.5	170	431.8	1
147	-13	-4	292	89	4	245	50123	5	3					60	16	30.06	763.5	169	429.3	0
149	-6	-2	298	91	4	245	50123	5	3	-4	-0.007	-1.4	-0.024	61	16	30.06	763.5	170	431.8	1
150	-14	-4	238	73	3	251	50100	5	3	-2	-0.003	-9	-0.016	61	16	30.06	763.5	169	429.3	1
151	-9	-3	276	84	2	237	50120	5	3					61	16	30.06	763.5	169	429.3	1
152	-12	-4	235	72	2	234	50120	5	3	-5	-0.009	-1.1	-0.019	61	16	30.06	763.5	169	429.3	1
153	-11	-3	272	83	2	237	50120	5	3	-8	-0.010	-1.2	-0.021	61	16	30.06	763.5	169	429.3	1
154	-10	-3	250	76	3	245	50123	5	3	-2	-0.003	-6	-0.010	61	16	30.06	763.5	169	429.3	1
156	-11	-3	251	77	3	251	50123	5	3	-2	-0.003	-1.4	-0.024	61	16	30.06	763.5	170	431.8	0
157	-4	-1	204	87	4	234	50120	5	3	-3	-0.005	-6	-0.010	61	16	30.06	763.5	169	429.3	0
158	-11	-3	277	84	4	231	50300	5	3	-1	-0.002	-1.1	-0.019	61	16	30.06	763.5	170	431.8	0
160	-11	-3	274	84	4	251	50120	5	3	-1	-0.002	-8	-0.014	61	16	30.06	763.5	169	429.3	0
161	-7	-2	206	90	4	235	50123	5	3	-7	-0.012	-1.0	-0.017	61	16	30.06	763.5	169	429.3	1
162	-9	-3	254	77	3	231	50123	5	3	-1	-0.002	-1.2	-0.021	61	16	30.06	763.5	169	429.3	0
163	-9	-3	277	84	4	234	50100	4	2	-1	-0.002	-7	-0.012	62	17	30.06	763.5	169	429.3	0
164	-13	-4	305	93	4	251	50100	4	2	-1	-0.002	.1	.002	62	17	30.06	763.5	169	429.3	0
165	-11	-3	262	80	3	235	50120	4	2	-4	-0.007	-5	-0.009	62	17	30.06	763.5	170	431.8	0
166	-15	-5	218	68	2	231	50100	4	2	-2	-0.003	-2	-0.003	62	17	30.06	763.5	169	429.3	0
167	-8	-2	208	63	2	234	50120	4	2	-4	-0.007	0.0	0.000	62	17	30.06	763.5	168	426.7	0
168	-6	-2	309	94	4	235	50200	4	2	-1	-0.002	.1	.002	62	17	30.06	763.5	169	429.3	0
169	-10	-3	255	78	3	231	50123	4	2	-1	-0.002	.4	.007	62	17	30.06	763.5	170	431.8	0
170	-13	-4	259	79	4	245	70120	4	2					62	17	30.06	763.5	0	0.0	0
171	-8	-2	270	82	3	235	50120	4	2	-3	-0.005	-6	-0.010	62	17	30.06	763.5	169	429.3	1
173	-14	-4	264	80	3	245	50120	4	2	-4	-0.007	-5	-0.009	62	17	30.06	763.5	170	431.8	0
175	-8	-2	273	83	4	251	50120	4	2	-2	-0.003	-7	-0.012	62	17	30.06	763.5	170	431.8	1
176	-8	-2	272	83	4	251	50123	4	2	0.0	0.000	-7	-0.012	62	17	30.06	763.5	0	0.0	1
181	-7	-2	230	73	3	250	50120	3	2					63	17	30.06	763.5	169	429.3	0
182	-9	-3	269	82	3	245	50120	3	2					63	17	30.06	763.5	170	431.8	0
183	-12	-4	260	79	3	251	50100	3	2	-2	-0.003	-1.1	-0.019	63	17	30.06	763.5	170	431.8	0
190	-7	-2	265	81	3	250	50120	3	2	-6	-0.010	-7	-0.012	63	17	30.06	763.5	169	429.3	0
191	-6	-2	239	73	2	234	50120	3	2	-5	-0.009	-8	-0.014	63	17	30.06	763.5	169	429.3	2
192	-14	-4	232	71	2	251	50120	3	2					63	17	30.06	763.5	169	429.3	0
193	-11	-3	245	75	3	245	50123	3	2					63	17	30.06	763.5	170	431.8	0

LANDING DATA - MODEL A-7E										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDG NO.	OFF-CENTER DISTANCE		RAMP TO TD DISTANCE		WIRE SIDE NO.		LNDG TYPE	FLAP	SHIP	DECK PITCH		DECK ROLL		TEMP	BAROMETRIC PRESSURE				ARR GEAR RUNOUTS		REREAD NUMBER								
	FT	M	FT	M	NO.	NO.				KN	M/S	DEG	RAD		DEG	RAD	F	C	IN HG	MM HG		IN	CM						
62	83	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
194	-11	-3	271	83	3	235	50120	3	2	-4	-.007	-.8	-.014	63	17	30.06	763.5	170	431.8	0	0								
195	-16	-5	238	73	3	250	50120	3	2	-7	-.012	-1.0	-.017	63	17	30.06	763.5	169	429.3	0	0								
199	-6	-2	251	77	3	234	50120	4	2	0.0	0.000	0.0	0.000	64	18	30.05	763.3	169	429.3	1	1								
201	-8	-2	257	78	3	245	50100	4	2	0.0	0.000	0.0	0.000	64	18	30.05	763.3	169	429.3	0	0								
202	-8	-2	321	98	3	235	60123	4	2	-1	-.002	-.2	-.003	64	18	30.05	763.3	0	0.0	0	0								
204	-8	-2	261	80	3	250	50120	4	2	-1	-.002	-.2	-.003	64	18	30.05	763.3	168	426.7	1	1								
206	-5	-2	262	80	3	234	50120	4	2	-1	-.002	-.2	-.003	64	18	30.05	763.3	170	431.8	0	0								
210	-8	-2	263	80	3	235	50120	4	2	-2	-.003	-.3	-.005	64	18	30.05	763.3	170	431.8	0	0								
212	-9	-3	234	71	2	234	50120	4	2	-2	-.003	-.3	-.005	64	18	30.05	763.3	0	0.0	0	0								
215	-8	-2	296	90	4	235	50120	4	2	.3	.005	-.4	-.007	65	18	30.05	763.3	169	429.3	1	1								
639	-7	-2	256	78	4	231	50230	4	2	-4	-.007	-.6	-.010	64	18	29.92	760.0	169	429.3	0	0								
841	-15	-5	215	66	234	70120	4	2	-4	-.007	-.5	-.009	64	18	29.92	760.0	0	0.0	0	0									
845	-8	-2	246	75	234	70120	4	2	-3	-.005	1.6	.028	64	18	29.92	760.0	0	0.0	0	1									
848	-12	-4	183	50	234	60100	4	2	.1	.002	-.5	-.009	64	18	29.92	760.0	0	0.0	0	2									
864	-14	-4	211	64	2	201	50200	3	2	-3	-.005	.7	.012	64	18	29.94	760.5	168	426.7	0	0								
672	-16	-5	172	52	1	201	50100	3	2	.2	.003	-.1	-.002	64	18	29.94	760.5	170	431.8	2	2								
886	-15	-5	200	61	2	201	50120	3	2	-1	-.002	.3	.005	64	18	29.94	760.5	168	426.7	0	0								
690	-16	-5	244	74	3	201	50123	3	2	-7	-.012	-1.1	-.019	64	18	29.94	760.5	169	429.3	1	1								
694	-15	-5	231	70	3	201	50120	3	2	-6	-.010	1.5	.026	64	18	29.94	760.5	169	429.3	0	0								
699	-13	-4	243	74	3	201	50120	3	2	-5	-.009	-1.1	-.019	64	18	29.94	760.5	168	426.7	0	0								
704	-14	-4	202	82	2	201	50120	3	2	-4	-.007	.6	.010	64	18	29.94	760.5	167	424.2	0	0								
711	0	0	265	81	3	302	50123	3	2	-6	-.010	-1.7	-.030	64	18	29.94	760.5	170	431.8	0	0								
712	-3	-1	229	70	2	311	50120	3	2	-4	-.007	-2.3	-.040	64	18	29.94	760.5	169	429.3	0	0								
714	-5	-2	235	72	2	302	50120	3	2	-3	-.005	2.2	.030	64	18	29.94	760.5	169	429.3	0	0								
715	1	0	245	75	2	311	50120	3	2	-2	-.003	-1.1	-.019	64	18	29.94	760.5	169	429.3	0	0								
716	-10	-3	223	68	2	201	50200	3	2	-1	-.002	.6	.010	64	18	29.94	760.5	168	426.7	0	0								
726	-8	-2	269	82	3	201	50120	3	2	-1	-.002	-.8	-.010	64	18	29.94	760.5	170	431.8	0	0								
726	-12	-4	171	52	1	302	50200	3	2	0.0	0.000	-.8	-.014	66	19	29.97	761.2	170	431.8	0	0								
4050	-14	-4	177	54	234	70123	4	2	-2	-.003	0.0	0.000	59	15	30.15	765.8	0	0.0	0	0									
4051	11	3	294	90	235	70200	4	2	-2	-.003	0.0	0.000	59	15	30.15	765.8	0	0.0	0	0									
6333	-9	-3	210	64	2	234	50123	4	2	-2	-.003	1.9	.033	64	18	29.92	760.0	169	429.3	0	0								

**EA-6 DAY**

NIGHT LANDINGS

USS ENTERPRISE (CVN-65)

LANDING DATA - MODEL A-7E

LDG NO.	VPAF TD	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT TD	LIFT FF	LBS	KG					
		KN	M/S	KN	M/S		KN	M/S								KN	M/S			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
9031	136	71	113	58	25	13	4	2			1.01				1.01		.90		24437	11065
9033	143	74	118	61	25	13	4	2			1.05				1.05		1.00		24637	11175
9038	142	73	116	60	26	13	5	3			1.05				1.05		1.20		23837	10612
9042	136	70	110	57	26	13	5	3			.99				1.00		1.00		24837	11268
9043	139	72	113	58	26	13	5	3			1.03				1.03		1.10		24137	10949
9044	137	70	111	57	26	13	5	3			1.01				1.01		1.10		24137	10949
9045	133	68	107	55	26	13	5	3			.96				.96		1.00		25037	11357
9048	129	66	105	54	24	12	4	2			1.01				1.01		.90		23137	10495
9049	134	68	110	57	24	12	4	2			1.01				1.01		1.00		24137	10949
9050	131	67	107	55	24	12	4	2			.97				.97		1.00		24137	10949
9051	134	69	110	57	24	12	4	2			1.03				1.03		1.10		22637	10268
9052	136	70	112	58	24	12	4	2			1.03				1.03		1.10		22837	10359
9054	140	72	114	59	26	13	5	3			1.10				1.10		1.10		21437	9724
9055	138	71	112	58	26	13	5	3			1.06				1.06		1.00		22637	10268
9056	131	67	105	54	26	13	5	3			1.03				1.03		1.00		21437	9724
9058	140	72	114	59	26	13	5	3			1.10				1.10		1.00		21137	9588
9059	155	80	129	66	26	13	5	3			1.14				1.14		1.10		24137	10949
9060	128	66	103	53	25	13	4	2			.94				.94		1.00		24137	10949
9061	135	69	111	57	24	12	4	2			1.00				1.00		1.10		23937	10858
9063	143	74	119	61	24	12	4	2			1.05				1.05		1.00		24637	11175
9065	129	66	105	54	24	12	4	2			.99				.99		1.30		22737	10314
9069	147	76	122	63	25	13	4	2			1.09				1.09		1.20		24137	10949
9071	141	73	116	60	25	13	4	2			1.03				1.03		1.00		24537	11130
9073	135	69	110	57	25	13	4	2			.99				.99		1.00		24537	11130
9074	137	70	112	58	25	13	4	2			1.03				1.03		1.00		23037	10450
9077	135	69	110	57	25	13	4	2			1.00				1.00		1.00		24337	11039
9079	134	69	109	56	25	13	4	2			1.03				1.03		1.10		22137	10041
9080	136	67	105	54	25	13	4	2			.98				.98		1.00		23337	10586
9083	147	76	114	59	33	17	6	3			1.06				1.06		.90		25137	11402
9084	177	91	144	74	33	17	6	3			1.29				1.29		.90		24937	11311
9085	140	72	108	56	32	16	6	3			1.02				1.02		1.00		24837	11266
9086	143	74	118	61	25	13	4	2			1.04				1.04		.90		25037	11357
9089	152	78	120	62	32	16	6	3			1.10				1.10		1.10		25137	11402
9095	161	83	129	66	32	16	6	3			1.18				1.18		1.30		24537	11130
9096	154	79	122	63	32	16	6	3			1.14				1.14		1.20		24137	10949
9097	144	74	112	58	32	16	6	3			1.09				1.09		1.00		23137	10495
9100	140	72	108	56	32	16	6	3			1.05				1.05		1.00		23637	10722
9101	145	75	114	59	31	16	5	3			1.09				1.09		1.10		23137	10495
9102	134	69	102	52	32	16	6	3			.99				.99		.90		24137	10949
9103	136	67	98	50	32	16	6	3			.98				.98		1.00		23137	10495



## NIGHT LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL A-7E

LNDG	VPAF	VE-FILM	WIND-VEL		VEOR	VPAMIN	VSP'A	KVPA	KV	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT	LIFT
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UNCG	LANDING DATA - MODEL A-7E										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD										WHEEL HEIGHT									
	NO	NOSE	F/S	M/S	24	25	F/S	M/S	PORT	STBD	27	F/S	M/S	29	F/S	M/S	FREE-FLIGHT	31	F/S	M/S	32	33	34	35	36	37	38	39	40	
22																														
9031			16.2	4.9	16.5	5.0	17.4	5.3	16.9	5.2														5.3	.092					
9033			13.9	4.2	13.3	4.0	13.1	4.0	13.2	4.0														4.0	.069					
9038			14.9	4.5	14.9	4.5	15.4	4.7	15.1	4.6														4.6	.081					
9042			12.3	3.7	12.3	4.0	12.8	3.9	13.0	4.0														4.2	.073					
9043			12.9	3.9	12.3	3.8	12.6	3.8	12.5	3.8														3.9	.069					
9044			13.4	4.1	13.6	4.1	13.5	4.1	13.5	4.1														4.3	.076					
9045			13.6	4.2	12.8	3.9	15.1	4.6	14.0	4.3														4.6	.081					
9048			10.0	3.0	9.1	2.8	9.8	3.0	9.5	2.9														3.0	.052					
9049			10.3	3.2	13.1	4.0	14.5	4.4	13.8	4.2														4.2	.074					
9050			12.6	3.8	10.4	3.2	10.7	3.3	10.6	3.2														3.3	.058					
9051			14.2	4.3	13.6	4.2	14.3	4.3	14.0	4.3														4.2	.073					
9052			11.4	3.5	11.0	3.4	11.2	3.4	11.3	3.4														3.3	.058					
9054			11.8	3.6	12.3	3.7	12.0	3.7	12.2	3.7														3.5	.061					
9055			13.1	4.0	15.0	4.6	13.6	4.1	14.3	4.3														4.2	.073					
9056			12.2	3.7	13.9	4.2	13.2	4.0	13.5	4.1														4.2	.074					
9058			12.4	3.8	11.5	3.5	12.0	3.6	11.4	3.5														3.3	.050					
9059			9.3	2.8	10.2	3.1	11.2	3.4	11.1	3.4														2.8	.049					
9060			7.1	2.2	7.8	2.4	12.5	3.8	11.5	3.5														3.7	.064					
9061			6.5	2.0	7.2	2.2	5.4	1.7	6.3	1.9														1.8	.032					
9063			13.0	4.0	12.1	3.7	11.1	3.4	11.5	3.5														3.2	.055					
9065			12.2	3.7	11.4	3.5	9.6	2.9	10.5	3.2														3.3	.057					
9069			10.6	3.2	10.8	3.3	9.8	3.0	10.0	3.1														2.7	.047					
9071			12.6	3.8	11.4	3.5	10.4	3.2	10.9	3.3														3.1	.054					
9073			12.1	3.7	11.4	3.5	11.4	3.5	11.4	3.5														3.4	.060					
9074			14.8	4.5	15.0	4.6	14.8	4.5	14.9	4.5														4.4	.077					
9077			14.6	4.5	14.8	4.5	13.9	4.2	14.3	4.3														4.3	.075					
9079			13.5	4.1	14.2	4.3	13.5	4.1	13.8	4.2														4.2	.073					
9080			9.6	2.9	9.7	3.0	9.7	3.0	9.9	3.0														3.1	.054					
9083			10.2	3.1	11.0	3.4	10.9	3.3	10.9	3.3														3.2	.055					
9084			12.8	3.9	14.4	4.4	15.8	4.8	15.5	4.7														3.3	.057					
9085			5.9	1.8	8.7	2.7	9.0	2.7	8.9	2.7														2.5	.043					
9086			11.3	3.4	13.6	4.1	12.4	3.8	13.1	4.0														3.4	.059					
9089			4.8	1.5	6.3	1.9	6.8	2.1	6.6	2.0														1.3	.022					
9095			8.9	2.7	9.7	2.9	8.6	2.6	8.8	2.7														2.2	.039					
9096			10.2	3.1	11.4	3.5	11.1	3.4	11.3	3.4														2.9	.051					
9097			11.3	3.5	8.5	2.8	10.6	3.2	9.8	3.0														2.6	.045					
9100			8.6	2.6	9.7	3.0	9.3	2.8	9.5	2.9														2.5	.043					
9101			14.0	4.3	15.6	4.7	14.2	4.3	14.9	4.5														4.2	.074					
9102			10.3	3.1	8.8	2.7	10.3	3.1	9.4	2.9														2.8	.049					
9103			9.1	2.8	8.7	2.6	9.3	2.6	9.0	2.7														2.9	.051					

## LANDING DATA - MODEL A-7E

USS ENTERPRISE (CVN-65)

NIGHT LANDINGS

LNOG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BMW		BVW		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
9105	10.8	3.3	10.3	3.1	11.2	3.4	11.1	3.4					2.7	.047				
9106	9.8	3.0	9.8	3.0	9.0	2.7	9.4	2.9					2.8	.049				
9110	10.5	3.2	11.6	3.5	9.9	3.0	10.8	3.3					2.9	.051				
9114	14.2	4.3	14.6	4.4	14.4	4.4	14.5	4.4					3.8	.066				
9116	12.9	3.9	13.1	4.0	12.3	3.7	12.7	3.9					3.4	.060				
9120	10.6	3.2	10.5	3.2	9.8	3.0	10.1	3.1					2.4	.042				
9121	9.2	2.6	10.4	3.2	9.9	3.0	10.2	3.1					2.7	.047				
9124	12.7	3.9	13.5	4.1	11.4	3.5	12.5	3.8					3.6	.063				
9125	10.1	3.1	10.2	3.1	10.3	3.1	10.3	3.1					2.7	.047				
9130	9.6	2.9	7.2	2.2	7.3	2.2	7.2	2.2					2.6	.045				
9132	12.9	3.9	13.3	4.1	12.5	3.8	12.9	3.9					3.9	.067				
9137	9.6	2.9	7.0	2.1	8.7	2.6	7.9	2.4					2.6	.045				
9141	9.0	2.8	8.4	2.6	7.9	2.4	8.4	2.5					2.7	.047				
9147	8.6	2.6	7.9	2.4	8.0	2.4	7.9	2.4					1.6	.029				
9189	9.7	2.9	9.5	2.9	10.2	3.1	9.8	3.0					2.5	.044				
9191	7.0	2.1	8.3	2.5	8.5	2.6	8.4	2.5					2.4	.042				
9192	8.7	2.7	6.9	2.1	5.7	1.7	6.3	1.9					1.7	.030				
9227	13.4	4.1	14.5	4.4	12.8	3.9	13.6	4.2					3.4	.060				

LANDING DATA - MODEL A-7E										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
LNDG NO	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW			
	TD	OR	DEG	RAD	FF	TD	OR	DEG	RAD	FF	54	DEG	RAD	AT TD	56	DEG	RAD	AT TD	58	DEG	RAD	AT TD	60	DEG	RAD	AT TD			
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61									
9031	5.8	.101					-1	-.002					-2.4	-.042	-7.2	-.128	-4.2	-.073	7.0	.122									
9033	7.1	.124					-6	-.010					2.5	.044	1.6	.028	-5.4	-.094	7.6	.133									
9038	8.1	.141					.5	.009					.3	.005	-4.2	-.073	-4.6	-.080	8.1	.141									
9042	8.1	.141					-1.9	-.033					-1	-.002	3.3	.058	-4.4	-.077	7.9	.138									
9043	8.6	.150					-1.6	-.028					.2	.003	-2.4	-.042	-3.2	-.056	4.3	.075									
9044	8.4	.147					2.2	.038					-2.0	-.035	.8	.014	-2.3	-.040	5.6	.098									
9045	8.6	.115					1.1	.019					-1.1	-.019	-17.3	-.302	-5.3	-.092	8.8	.154									
9048	8.0	.140					-2.4	-.042					2.0	.035	-6.1	-.106	-5.0	-.087	8.4	.147									
9049	9.9	.155					-3	-.005					-5.5	-.090	-10.9	-.190	-2.9	-.051	4.5	.079									
9050	6.1	.106					-1.5	-.026					4.6	.080	-2.3	-.040	-4.8	-.084	6.3	.110									
9051	7.4	.129					-3.1	-.054					-2	-.003	-6.3	-.110	-4.1	-.072	7.1	.124									
9052	7.8	.136					1.3	.023					2.8	.049	1.1	.019	-6.3	-.110	7.4	.129									
9054	10.4	.181					.6	.010					-2.0	-.035	2.2	.038	-2.2	-.038	5.0	.087									
9055	7.6	.133					-4.3	-.075					.2	.003	11.5	.201	-4.3	-.075	7.0	.122									
9056	10.3	.180					-3	-.005					-1.3	-.005	4.6	.080	-3.4	-.059	7.6	.133									
9058	8.2	.143					-9	-.016					-1.3	-.023	.2	.003	-1.0	-.031	3.7	.065									
9059	10.6	.185					3.2	.056					-6.0	-.105	-1.7	-.030	-3.2	-.058	5.9	.103									
9060	12.4	.216					1.4	.024					-8	-.014	-15.8	-.276	-5.6	-.098	8.0	.140									
9061	9.8	.171					-5	-.009					0.0	.000	13.6	.237	-2.5	-.044	4.5	.079									
9063	5.3	.092					2.7	.047					5.2	.091	7.1	.124	-3.3	-.058	5.1	.089									
9065	12.0	.200					-1.6	-.028					.3	.005	14.5	.253	.4	.007	1.5	.026									
9069	8.5	.148					-4.6	-.080					5.0	.087	11.5	.201	-1.4	-.024	2.6	.045									
9071	4.5	.079					-9	-.016					6.2	.108	7.4	.129	-1.5	-.026	2.5	.044									
9073	7.7	.134					-4	-.007					1.1	.019	-.3	-.005	-3.0	-.052	5.4	.094									
9074	6.1	.106					-3	-.005					-1.0	-.017	1.5	.026	-1.4	-.024	3.3	.058									
9077	7.2	.126					-4.3	-.075					1.9	.033	7.7	.134	-1.5	-.026	2.2	.038									
9079	8.0	.140					.8	.014					-2	-.003	5.4	.094	-1.2	-.021	2.6	.045									
9080	7.2	.126					-5	-.009					-1.0	-.017	-3.1	-.054	2.2	.038	-1.1	-.019									
9083	7.1	.124					1.4	.024					-2	-.003	1.0	.017	-7.4	-.129	9.9	.173									
9084	6.4	.112					-3.6	-.063					-4.5	-.079	-17.6	-.307	-1.2	-.021	4.3	.075									
9085	9.5	.166					1.5	.028					-5.4	-.094	-1.9	-.033	-3.4	-.059	7.4	.129									
9086	8.3	.145					1.4	.024					-6.6	-.115	7.4	.129	-4.9	-.086	9.3	.162									
9089	11.2	.195					-1.1	-.019					0.0	.000	-3.7	-.065	-2.4	-.042	3.4	.059									
9095	8.9	.155					.2	.003					-6	-.010	3.6	.063	.5	.009	2.2	.038									
9096	7.1	.124					-3.8	-.068					-1.9	-.033	2.7	.047	-2.4	-.042	5.6	.098									
9097	6.6	.115					-3.9	-.068					3.8	.066	-19.6	-.342	-7.6	-.133	9.5	.166									
9100	6.4	.112					.1	.002					0.0	.000	3.6	.063	-5.0	-.087	7.4	.129									
9101	7.8	.136					-1.5	-.026					-1.3	-.023	10.8	.188	-2.0	-.035	3.5	.061									
9102	6.7	.117					-1.4	-.024					2.6	.045	-9.2	-.161	-7.4	-.129	10.1	.176									
9103	7.7	.134					-3	-.005					1.3	.023	-4.8	-.084	-2.3	-.040	5.5	.096									

LANDING DATA - MODEL A-7E										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS													
LNDG NO	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW							
	TD	OR	DEG	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61													
9105	6.3	.110					1.2	.021					1.4	.024	-.9	-.016	-3.1	-.054	4.2	.073													
9106	8.9	.155					-.8	-.014					2.5	.044	5.9	.103	-3.6	-.063	5.8	.101													
9110	6.8	.119					.7	.012					-1.0	-.017	13.5	.236	-3.8	-.066	6.9	.120													
9114	6.5	.113					-1.0	-.017					1.6	.028	1.2	.021	-1.7	-.030	4.1	.072													
9116	7.9	.136					-1.4	-.024					-1.5	-.026	6.2	.108	-.8	-.014	2.6	.045													
9120	6.1	.106					1.3	.023					1.8	.031	5.7	.099	-5.3	-.092	10.1	.176													
9121	8.0	.157					-.1	-.002					-1.7	-.030	3.7	.065	-3.4	-.059	6.3	.110													
9124	8.2	.143					-1.8	-.031					-1.0	-.017	16.7	.291	-1.0	-.017	2.7	.047													
9125	9.9	.173					1.0	.017					.2	.003	-.5	-.009	-4.0	-.070	7.8	.136													
9130	10.0	.175					-.3	-.005					6.9	.120	-.4	-.007	-5.4	-.094	8.7	.152													
9132	8.7	.152					-.6	-.010					-.1	-.002	6.3	.110	-3.6	-.063	7.3	.127													
9137	7.4	.129					1.0	.017					6.3	.110	-12.9	-.225	4.5	.079	-1.2	-.021													
9141	8.9	.155					-1.0	-.017					1.3	.023	.9	.016	-4.5	-.079	6.5	.113													
9147	6.5	.113					-.9	-.016					2.4	.042	-.5	-.009	-4.2	-.073	8.3	.145													
9189	7.1	.124					-.3	-.005					-.1	-.002	-5.6	-.098	-6.1	-.106	1.2	.021													
9191	7.3	.127					-.1	-.002					.4	.007	-1.7	-.030	-1.3	-.023	3.1	.054													
9192	6.3	.110					-.3	-.005					8.4	.147	9.7	.169	-5.2	-.091	7.2	.126													
9227	8.7	.152					-2.4	-.042					2.3	.040	13.1	.229	-4.7	-.082	2.9	.051													



LANDING DATA - MODEL A-7E										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
LNDG NO.	OFF-CENTER		RAMP TO TD		WIRE	SIDE	LNDG NO.	TYPE	FLAP	SHIP	DECK PITCH		DECK ROLL	TEMP	BAROMETRIC		ARR GEAR	REREAD											
	DISTANCE	DISTANCE	FT	M							KN	M/S			DEG	RAD			DEG	RAD	F	C	IN HG	MM HG	RUNOUTS	NUMBER			
FT	M	FT	M	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82										
02	63	64	65	66	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82								
9105	-4	-1	290	91	4	251	50200		3	2	-5	-.009	.5	.009	63	17	29.91	759.7	170	431.8			0		0				
9106	-6	-2	211	64	2	231	50120		3	2	-3	-.005	.9	.016	63	17	29.91	759.7	169	429.3			0		0				
9110	-3	-1	207	87	4	251	50120		3	2	-5	-.009	.4	.007	63	17	29.91	759.7	169	429.3			0		0				
9114	-9	-3	302	92	4	245	50120		3	2	-7	-.012	-.8	-.014	63	17	29.91	759.7	169	429.3			0		0				
9116	-5	-2	266	81	3	245	50120		3	2	-1	-.002	-1.2	-.021	63	17	29.91	759.7	170	431.8			0		0				
9120	4	1	328	100		237	70123		3	2	-5	-.009	.7	.012	63	17	29.91	759.7	0	0.0			0		0				
9121	-11	-3	300	91		243	70120		3	2	-4	-.007	1.9	.033	63	17	29.91	759.7	0	0.0			0		0				
9124	-10	-3	247	75	3	235	50120		3	2	-5	-.009	.2	.003	63	17	29.91	759.7	170	431.8			0		0				
9125	-5	-2	310	94	4	237	50120		3	2	-4	-.007	.8	.014	63	17	29.91	759.7	169	429.3			0		0				
9130	-12	-4	184	56	1	235	50120		3	2	-2	-.003	.5	.009	63	17	29.91	759.7	170	431.8			0		0				
9132	-3	-1	314	96	4	243	50120		3	2	-4	-.007	-.7	-.012	63	17	29.91	759.7	169	429.3			0		0				
9137	-13	-4	213	65	2	237	50123		4	2	-2	-.003	1.6	.028	63	17	29.91	759.7	170	431.8			0		0				
9141	-11	-3	276	84	4	243	50100		4	2	-1	-.002	1.2	.021	63	17	29.91	759.7	169	429.3			0		0				
9147	-6	-2	242	74	3	237	50123		4	2	-7	-.012	-.9	-.016	63	17	29.91	759.7	170	431.8			0		0				
9189	-6	-2	209	64		201	70120		3	2	-1	-.002	-.1	-.002	63	17	29.91	759.7	0	0.0			0		0				
9191	-6	-2	269	82		235	50120		3	2	-2	-.003	-.5	-.009	63	17	29.91	759.7	0	0.0			0		0				
9192	-3	-1	292	89		201	50200		3	2	-4	-.007	-1.1	-.019	63	17	29.91	759.7	169	429.3			0		0				
9227	-14	-4	217	66	2	201	50120		3	2	-5	-.009	.2	.003	63	17	29.91	759.7	169	429.3			1		1				

LANDING DATA -- MODEL EA-6										USS ENTERPRISE (CVN-65)										DAY LANDINGS				
LNOG	VPAF	VE-FILM		WIND-VEL		VEOR		VPAMIN		VSP'A		KVPA	KV	LIFT		LIFT	WEIGHT							
		KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S			KN	M/S			TD	FF	LBS	KG			
NO.	TD	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
1173	131	67	100	56	23	12	2	1	103	53	118	61				1.11		1.00		38500	17464			
1174	124	64	101	52	23	12	2	1	103	53	117	60				1.06		.90		38000	17237			
1175	119	61	96	49	23	12	2	1	91	47	117	60				1.02		1.00		37800	17146			
1176	127	65	105	54	22	11	2	1	111	57	115	59				1.10		1.00		36800	16692			
1181	127	65	104	53	23	12	2	1	109	56	115	59				1.10		1.00		37000	16783			
1183	125	64	102	52	23	12	2	1	111	57	116	60				1.07		1.10		37400	16965			
1187	126	65	104	53	22	11	2	1	97	50	115	59				1.09		1.00		36800	16692			
1190	142	73	120	62	22	11	2	1	113	58	114	59				1.24		1.20		36400	16511			
1191	136	70	114	59	22	11	2	1	108	56	121	62				1.12		1.00	1.10	41000	18598			
1194	138	71	116	60	22	11	2	1	112	58	120	62				1.15		1.10		40200	18235			
1196	139	72	114	59	25	13	2	1	110	57	121	62				1.14		1.10		41000	18598			
1197	139	72	114	59	25	13	2	1	98	50	119	61				1.16		1.00		39600	17963			
1201	134	69	109	56	25	13	2	1	109	56	118	61				1.13		1.20		39000	17690			
1202	127	65	105	54	22	11	2	1	111	57	118	61				1.08		.90		38500	17464			
1203	129	68	107	55	22	11	2	1	116	60	119	61				1.08		1.00		39500	17917			
1204	133	68	111	57	22	11	2	1	107	55	119	61				1.11		1.10		39600	17963			
1206	133	68	111	57	22	11	0	0	109	56	117	60				1.14		.90		38100	17282			
1208	130	67	108	56	22	11	0	0	119	61	126	65				1.03		1.10		44200	20049			
1211	128	66	106	55	22	11	0	0	113	58	117	60				1.09		1.10		38200	17328			
1432	129	66	104	53	25	13	0	0	97	50	118	61				1.10		.90		38600	17509			
1436	128	66	103	53	25	13	0	0	102	52								1.00						
1440	131	67	106	55	25	13	0	0	108	56	118	61				1.12		1.10		38400	17418			
1451	136	70	106	55	30	15	0	0	101	52	117	60				1.16		1.00		38200	17328			
1458	130	67	100	51	30	15	0	0	95	49	117	60				1.11		1.10	1.00	37900	17191			
1471	134	69	104	53	26	13	0	0	102	52	122	63				1.10		1.10		41300	18734			
1712	148	76	122	63	26	13	2	1	121	62	120	62				1.23		1.20		40300	18280			
1713	135	69	109	56	26	13	2	1	107	55	121	62				1.12		1.10		40400	18325			
1714	136	70	108	56	28	14	2	1	92	47	121	62				1.13		1.10		40400	18325			
1715	133	69	105	54	28	14	2	1	102	52	122	63				1.08		1.10	1.20	41500	18824			
1716	141	73	112	58	29	15	3	2	118	61	120	62				1.17		.90		40000	18144			
1718	137	70	107	55	30	15	3	2	102	52	120	62				1.15		1.00		39700	18008			
1719	134	69	106	55	28	14	2	1	99	51	121	62				1.11		1.10		40400	18325			
1720	141	73	113	58	28	14	2	1	109	56	119	61				1.18		1.00		39300	17826			
1721	146	75	118	61	28	14	2	1	117	60	118	61				1.23		1.10		38700	17554			
1722	132	68	104	53	28	14	2	1	103	53								1.10						
1723	134	69	106	55	28	14	2	1	100	51	120	62				1.11		1.00		40200	18235			
1727	130	67	102	52	28	14	2	1	110	57	118	61				1.11		1.10		38400	17418			
1728	130	67	102	52	28	14	2	1	91	47	118	61				1.10		.90		38500	17464			
1731	132	68	104	53	28	14	2	1	107	55	116	60				1.14		1.00		37300	16919			
1732	129	66	101	52	28	14	2	1	103	53	117	60				1.11		.90		37800	17146			



## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL EA-6

LNDG	VPAF	VE-FILM		WIND-VEL		PARR.		VEOR		VPAMIN		VSP'A		KVPA		KV		LIFT	LIFT	FF	LBS	KG
		KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	MIN	SP' A	TD	FF					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
1736	141	73	169	56	32	16	6	3	102	52	116	60		1.21			1.00		37200	16874		
	132	68	160	51	32	16	6	3	94	48					1.14		.90					
1739	131	67	99	51	32	16	6	3	103	53	114	59		1.20			1.00		36100	16375		
1742	145	75	113	58	32	16	6	3	117	60	121	62		1.15			1.20		40800	18507		
1743	139	72	107	55	32	16	6	3	97	50	121	62		1.20			1.10	1.10	40600	18416		
1745	145	75	113	58	32	16	6	3	118	61	121	62		1.15			1.20		40600	18416		
1746	139	72	107	55	32	16	6	3	109	56	121	62		1.19			.90		41000	18598		
1749	141	73	169	56	32	16	6	3	109	56	118	61		1.19			1.00		38700	17554		
1751	142	73	110	57	32	16	6	3	98	50	120	62		1.19			1.00	1.00	40000	18144		
1752	137	70	105	54	32	16	6	3	108	56	119	61		1.15			.90		39300	17826		
1755	142	73	110	57	32	16	6	3	112	58	121	62		1.16			.90		41000	18598		
1756	138	71	106	55	32	16	6	3	113	58	120	62		1.14			.90		40200	18235		
1841	137	70	110	57	27	14	2	1	106	55	120	62		1.14			1.00		40200	18235		
1858	129	66	100	51	29	15	3	2	105	54	118	61		1.09			1.00		38600	17509		
1860	126	65	99	51	27	14	2	1	103	53	117	60		1.08			1.00		38200	17328		
4100	132	68	169	56	23	12	2	1	109	56	115	59		1.15			.90		36600	16602		

## LANDING DATA - MODEL EA-6 USS ENTERPRISE (CVN-65) DAY LANDINGS

LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT			
	PORT					STBD					AVG		FREE-FLIGHT		BHW		BVW		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
NO	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40				
22	4.2	1.3	9.8	3.0	9.2	2.8	9.3	2.8			2.7	.047	2.6	.046	17.1	5.2	11.6	3.5				
11173	1.8	.5	11.5	3.5	11.1	3.4	11.3	3.4			3.1	.053	3.9	.068	17.8	5.4	11.7	3.6				
11174	9.3	2.8	9.3	2.8	8.2	2.5	8.9	2.7			2.5	.043	2.9	.051	15.5	4.7	9.5	2.9				
11175	6.6	2.0	11.5	3.5	10.8	3.3	10.9	3.3			2.8	.048	3.2	.056	16.1	4.9	9.9	3.0				
11178	9.1	2.8	8.8	2.7	8.3	2.5	8.7	2.6			2.8	.049	2.6	.046	17.2	5.2	11.5	3.5				
11181	9.1	2.8	8.8	2.7	8.3	2.5	8.7	2.6			2.8	.049	2.6	.046	17.2	5.2	11.5	3.5				
11183	8.3	2.5	8.4	2.5	6.8	2.1	7.8	2.4			2.3	.041	2.3	.040	13.8	4.2	7.6	2.3				
11183	8.3	2.5	8.4	2.5	6.8	2.1	7.8	2.4			2.3	.041	2.3	.040	13.8	4.2	7.6	2.3				
11187	1.3	.4	10.3	3.1	9.5	2.9	9.9	3.0			2.8	.049	3.1	.055	13.2	4.0	6.8	2.1				
11190	7.5	2.3	11.4	3.5	11.5	3.5	11.6	3.5			3.4	.060	3.0	.052	16.0	4.9	10.6	3.2				
11191	9.5	2.9	10.7	3.3	10.2	3.1	10.4	3.2	10.4		3.2	.056	3.0	.052	16.8	5.1	10.9	3.3				
11194	9.5	2.9	10.8	3.3	10.8	3.3	10.8	3.3			3.1	.054	2.9	.050	19.6	6.0	14.1	4.3				
11196	.8	.2	9.6	2.9	8.0	2.4	9.1	2.8			2.8	.048	2.4	.042	14.6	4.5	9.0	2.7				
11197	9.9	3.0	13.6	4.1	14.6	4.5	14.1	4.3			3.3	.058	3.9	.068	21.3	6.5	15.8	4.8				
1201	2.2	.7	9.3	2.8	9.5	2.9	9.4	2.9			3.0	.053	2.6	.046	15.2	4.6	9.4	2.9				
1202	8.3	2.5	11.4	3.5	11.7	3.6	11.9	3.6			2.9	.050	3.6	.063	16.9	5.2	11.0	3.4				
1203	11.2	3.4	12.2	3.7	12.5	3.8	12.3	3.8			2.9	.051	3.7	.065	17.0	5.2	11.4	3.5				
1204	1.6	.5	8.3	2.5	7.8	2.4	7.9	2.4			2.6	.045	2.0	.035	14.7	4.5	9.4	2.9				
1206	9.0	2.7	13.9	4.2	10.4	3.2	11.8	3.6			3.2	.056	3.4	.059	15.4	4.7	9.6	2.9				
1208	10.0	3.0	9.7	3.0	9.0	2.8	10.0	3.0			2.7	.047	2.9	.051	17.0	5.2	11.2	3.4				
1211	9.8	3.0	9.5	2.9	8.9	2.7	9.2	2.8			2.6	.046	2.6	.046	13.8	4.2	7.8	2.4				
1432	4.0	1.2	13.7	4.2	13.0	4.0	13.4	4.1			3.5	.061	4.0	.071	16.9	5.2	10.7	3.3				
1436	10.4	3.2	9.9	3.0	9.7	3.0	9.8	3.0			3.6	.063	3.2	.056	14.8	4.5	8.9	2.7				
1440	2.3	.7	10.2	3.1	11.2	3.4	10.7	3.2			3.5	.061	3.1	.054	16.9	5.2	10.8	3.3				
1451	3.7	1.1	9.1	2.8	8.6	2.6	9.2	2.8			3.0	.053	2.7	.048	14.7	4.5	9.0	2.7				
1458	5.8	1.8	9.1	2.8	9.7	3.0	9.4	2.9	9.8		3.0	.050	2.7	.047	15.6	4.8	9.5	2.9				
1471	13.1	4.0	12.2	3.7	12.3	3.7	12.1	3.7			3.9	.067	3.6	.064	14.8	4.5	8.6	2.6				
1712	10.8	3.3	14.6	4.5	15.7	4.8	14.6	4.5			4.9	.086	3.6	.064	14.1	4.3	8.1	2.5				
1713	1.1	.3	11.4	3.5	9.4	2.9	10.4	3.2			3.2	.055	2.7	.047	12.9	3.9	6.7	2.0				
1714	9.5	2.9	9.5	2.9	8.6	2.6	9.1	2.8			3.3	.058	2.5	.044	16.3	5.0	10.4	3.2				
1715	6.2	1.9	5.9	1.8	7.0	2.1	6.5	2.0		6.2	1.9	2.3	.040	1.4	.024	13.3	4.1	7.4	2.3			
1716	8.0	2.4	10.1	3.1	8.8	2.7	9.1	2.8			2.8	.049	2.6	.045	12.8	3.9	6.8	2.1				
1718	4.8	1.5	11.4	3.5	11.1	3.4	11.3	3.4			2.9	.051	3.1	.053	17.5	5.3	11.6	3.5				
1719	10.0	3.1	9.5	2.9	9.3	2.8	9.4	2.9			3.2	.057	2.7	.047	17.6	5.4	11.3	3.5				
1720	6.9	2.1	10.8	3.3	9.7	3.0	10.2	3.1			3.2	.055	2.8	.048	13.7	4.2	7.9	2.4				
1721	10.8	3.3	11.8	3.6	12.5	3.8	12.2	3.7			3.5	.061	2.9	.051	19.0	5.8	13.9	4.2				
1722	5.4	1.7	13.1	4.0	11.9	3.6	12.5	3.8			3.7	.065	3.5	.061	22.5	6.9	16.3	5.0				
1723	11.6	3.5	12.3	3.7	12.1	3.7	12.2	3.7			3.1	.054	3.4	.059	20.7	6.3	14.7	4.5				
1727	.9	.3	10.0	3.1	10.0	3.0	10.0	3.0			3.3	.058	3.0	.053	11.7	3.6	5.0	1.5				
1728	2.0	.6	12.0	3.7	9.8	3.0	10.9	3.3			2.6	.046	3.3	.058	14.9	4.5	8.6	2.6				
1731	9.0	2.7	7.9	2.4	8.7	2.6	8.2	2.5			2.8	.049	2.2	.038	18.9	5.8	13.8	4.2				
1732	9.6	2.9	9.3	2.8	9.4	2.9	9.4	2.8			2.3	.040	2.8	.049	13.0	4.0	6.4	2.0				

## LANDING DATA - MODEL EA-6 USS ENTERPRISE (CVN-65) DAY LANDINGS

LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1736	6.1	1.9	10.3	3.1	9.8	3.0	10.1	3.1			3.2	.056	2.8	.048	16.7	5.1	10.8	3.3
1737	6.3	1.9	11.0	3.3	10.2	3.1	10.8	3.3			2.9	.050	3.2	.055	16.1	4.9	9.7	3.0
1739	10.8	3.3	9.2	2.8	10.5	3.2	9.7	3.0			3.5	.061	3.0	.053	15.6	4.8	9.3	2.8
1742	3.4	1.0	12.7	3.9	12.9	3.9	12.8	3.9			4.5	.079	3.6	.063	12.9	3.9	6.8	2.1
1743	7.8	2.4	7.3	2.2	7.3	2.2	7.3	2.2	7.7	2.3	2.2	.038	1.6	.028	14.8	4.5	8.9	2.7
1745	6.8	2.1	11.4	3.5	10.4	3.2	10.9	3.3			3.3	.058	2.6	.045	18.5	5.0	13.2	4.0
1748	8.2	2.5	9.1	2.8	9.3	2.8	9.2	2.8			1.9	.033	2.3	.040	12.3	3.7	6.4	1.9
1749	3.9	1.2	7.9	2.4	8.9	2.7	8.6	2.6			2.7	.047	2.3	.040	14.6	4.5	8.7	2.7
1751	8.4	2.5	6.4	2.0	7.4	2.3	6.9	2.1	6.9	2.1	2.3	.040	1.8	.032	13.4	4.1	7.5	2.3
1752	1.0	.3	10.6	3.2	10.7	3.3	10.7	3.3			3.3	.058	3.4	.060	14.5	4.4	8.2	2.5
1755	3.0	.9	12.5	3.8	11.4	3.5	12.0	3.6			3.1	.054	3.4	.059	12.7	3.9	6.8	2.1
1756	10.0	3.0	13.2	4.0	11.6	3.5	12.4	3.8			3.2	.055	3.7	.064	14.2	4.3	8.1	2.5
1841	1.8	.5	12.1	3.7	12.7	3.9	12.4	3.8			3.3	.058	3.4	.060	14.8	4.5	9.2	2.8
1858	4.4	1.3	11.6	3.5	11.0	3.3	11.2	3.4			3.0	.053	3.3	.058	16.5	5.0	10.1	3.1
1860	2.4	.7	13.0	4.0	10.6	3.2	11.8	3.6			3.5	.062	3.7	.065	17.3	5.3	11.0	3.4
4180	7.9	2.4	11.8	3.6	12.0	3.7	11.9	3.6			2.8	.049	3.4	.059	15.8	4.8	10.2	3.1

LANDING DATA - MODEL EA-6										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNCG NO	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW								
	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	AT TD	DEG	RAD	DEG	RAD	AT TD	DEG	RAD	DEG	RAD	AT TD	DEG	RAD	DEG	RAD						
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61									
1173	9.3	.162	11.0	.192			1.6	.028	2.3	.040			4.4	.077	1.3	.023	-3.2	-.056	4.0	.070									
1174	10.9	.190	12.9	.225			-2.5	-.044	-3.4	-.059			-2.2	-.038	2.8	.049	-1.6	-.028	2.4	.042									
1175	11.1	.194	13.3	.232			-1.3	-.023	-1.5	-.026			0.0	0.000	4.0	.070	-3.3	-.058	4.6	.080									
1176	9.3	.162	13.4	.234			1.6	.028	3.0	.052			5.0	.087	1.0	.017	-3.3	-.058	-1	-.002									
1181	11.7	.204	11.6	.202			-2.5	-.044	-2.2	-.038			0.0	0.000	1.3	.023	-2.3	-.040	3.9	.068									
1183	13.5	.236	13.9	.243			-1.6	-.028	-3.5	-.061			0.0	0.000	5.7	.099	-2.4	-.042	4.1	.072									
1187	13.1	.229	14.3	.250			-2	-.063	-1.8	-.031			2.2	.038	3.9	.068	-3.9	-.068	.3	.005									
1190	9.2	.161	9.9	.173			-3.5	-.061	-3.1	-.054			3.3	.058	-2.1	-.037	-3.2	-.056	-9	-.016									
1191	10.5	.183	12.0	.209	11.0	.192	-1.4	-.024	3.8	.066	-1.1	-.019	6.5	.113	2.5	.044	-2.9	-.051	.9	.016									
1194	8.6	.150	10.7	.187			.3	.005	-2.2	-.003			3.6	.063	-1.1	-.002	-3.2	-.056	.8	.014									
1196	11.0	.192	11.4	.199			-5.6	-.098	2.2	.038			4.6	.080	4.9	.086	-3.1	-.054	-2.1	-.037									
1197	8.6	.150	10.6	.185			-3.2	-.056	-3.5	-.061			-3.7	-.065	-5.8	-.101	-2.7	-.047	3.3	.058									
1201	13.3	.232	11.9	.208			-5	-.069	5.2	.091			-2.2	-.063	-1.1	-.019	-2.2	-.038	-2.5	-.044									
1202	9.1	.159	12.4	.216			.8	.014	4.4	.077			2.2	.038	1.6	.028	-2.2	-.038	1.5	.026									
1203	12.6	.220	11.3	.197			-1.5	-.026	-8	-.014			0.0	0.000	-8	-.014	-6.0	-.105	6.9	.120									
1204	10.4	.181	10.7	.187			1.9	.033	3.3	.058			4.4	.077	.5	.009	-2.1	-.037	5.9	.103									
1206	9.4	.164	11.6	.202			7.7	.134	4.5	.079			2.5	.044	14.1	.246	-2.4	-.042	4.9	.086									
1208	11.1	.194	12.0	.209			-2.4	-.042	-2.9	-.051			0.0	0.000	-2.8	-.049	-3.8	-.066	4.5	.079									
1211	12.9	.225	12.8	.223			-3.1	-.054	-4	-.007			0.0	0.000	2.8	.049	-2.5	-.044	3.5	.061									
1432	11.0	.192	12.7	.222			2.0	.035	-1.6	-.028			1.7	.030	3.5	.061	-4.0	-.070	1.0	.017									
1436	11.7	.204	11.7	.204			1.0	.017	5.0	.087			0.0	0.000	.8	.014	-1.7	-.030	-2.5	-.044									
1440	12.3	.215	12.4	.216			-1.9	-.033	-1.3	-.023			.5	.009	-5.2	-.091	-3.5	-.061	5.3	.092									
1451	10.0	.175	11.5	.201			-2.9	-.051	1.1	.019			1.7	.030	-1.2	-.021	-3.6	-.063	6.3	.110									
1458	11.7	.204	13.0	.227	11.8	.206	-8	-.014	-2.4	-.042	-6	-.010	0.0	0.000	-1.9	-.033	-3.6	-.063	5.7	.099									
1471	12.2	.213	12.5	.218			4.4	.077	0.0	0.000			0.0	0.000	-1.9	-.033	-3.6	-.063	5.7	.099									
1712	9.4	.164	10.4	.181			8.9	.155	7.7	.134			2.4	.042	-11.9	-.208	-2.9	-.051	2.1	.037									
1713	12.5	.218	13.3	.232			.1	.002	.2	.003			.3	.005	10.5	.183	-7	-.012	0.0	0.000									
1714	12.4	.216	12.0	.209			-4	-.007	-5	-.009			0.0	0.000	4.6	.080	-3.3	-.058	4.8	.084									
1715	10.9	.190	13.0	.227	11.5	.201	-2	-.003	1.6	.028	-6	-.010	6.9	.120	-5.4	-.094	-4.0	-.070	2.8	.049									
1716	8.2	.143	12.9	.225			2.6	.045	2.3	.040			1.4	.024	3.5	.061	-1.1	-.019	2.1	.037									
1718	10.6	.185	12.4	.216			.3	.005	3.1	.054			3.0	.052	1.3	.023	-4.6	-.080	4.9	.086									
1719	12.2	.213	13.3	.232			-1.5	-.026	.6	.010			0.0	0.000	1.3	.023	-4.0	-.070	5.8	.101									
1720	10.0	.175	11.6	.202			4.6	.080	2.1	.037			2.9	.051	5.1	.089	-3.0	-.052	4.4	.077									
1721	8.0	.140	8.8	.154			1.4	.024	5.4	.094			3.0	.052	-3.4	-.059	-1.4	-.024	2.7	.047									
1722	11.3	.197	12.5	.216			-1.0	-.017	-5.2	-.091			1.4	.024	6.0	.105	-1.3	-.023	-1.3	-.023									
1723	11.0	.192	12.4	.216			-6	-.010	.1	.002			0.0	0.000	.7	.012	-2.3	-.040	2.3	.040									
1727	14.2	.248	14.9	.260			-1	-.002	-2.4	-.042			3.9	.068	.3	.005	-3.5	-.061	4.2	.073									
1728	11.0	.192	14.1	.246			-1.9	-.033	-7	-.012			-1.1	-.019	11.1	.194	-1.6	-.028	.9	.016									
1731	8.9	.155	9.6	.168			-2.8	-.049	5.0	.087			0.0	0.000	-2.9	-.051	-2.6	-.045	5.1	.089									
1732	10.9	.190	15.4	.269			0.0	0.000	-2.4	-.042			0.0	0.000	-5	-.009	-4.0	-.070	5.3	.092									

LANDING DATA - MODEL EA-6										USS ENTERPRISE (CVN-65)										DAY LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
LNDC NO	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	TD	OR	DEG	RAD	DEG	FF	TD	OR	DEG	RAD	DEG	FF	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG	RAD	DEG	AT TD	DEG

LANDING DATA - MODEL EA-8										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDR NO.	OFF-CENTER DISTANCE	RAMP TO TD	WIRE NO.	SIDE NO.	LNDR TYPE	FLAP CODE	SHIP SPEED	DECK DEG	PITCH DEG	DECK ROLL	TEMP	BAROMETRIC PRESSURE				ARR IN	GEAR CM	REREAD NUMBER											
												IN HG	MM HG	80	82														
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
1173	-8	-2	273	83	4	900	50200	17	9	-3	-005	-4	-007	70	21	29.93	760.2	165	419.1	1									
1174	5	2	286	87	4	914	50100	17	9	.1	.002	-1.7	-.030	70	21	29.93	760.2	167	424.2	0									
1175	-8	-2	273	83	4	914	50100	17	9	-2	-003	.8	.014	70	21	29.93	760.2	168	426.7	0									
1176	-6	-2	251	77	3	900	50200	17	9	-3	-005	-1	-.002	70	21	29.93	760.2	165	419.1	0									
1178	-12	-4	275	84	4	913	50100	16	8	-2	-003	-2.1	-.037	70	21	29.93	760.2	169	429.3	0									
1181	-14	-4	253	77	3	914	50100	16	8	-3	-005	-6	-.010	70	21	29.93	760.2	170	431.8	0									
1187	-4	-1	224	68	2	914	50120	15	8	-1	-.002	.1	.002	70	21	29.93	760.2	169	429.3	1									
1190	-7	-2	214	65	2	910	50100	15	8	-3	-005	-9	-.016	70	21	29.93	760.2	170	431.8	0									
1191	-10	-3	252	77	2	900	50120	15	8	-1	-.002	.2	.003	70	21	29.93	760.2	168	426.7	0									
1194	-8	-3	287	87	3	910	60120	15	8	-3	-005	-4	-.007	70	21	29.93	760.2	0	0.0	0									
1196	-10	-3	236	72	3	905	50100	15	8	-3	-005	-9	-.016	70	21	29.93	760.2	170	431.8	0									
1197	-10	-3	293	89	3	910	60100	15	8	-3	-005	-1.6	-.028	70	21	29.93	760.2	0	0.0	1									
1201	-5	-2	226	69	2	900	50120	15	8	-3	-005	.7	.012	70	21	29.93	760.2	168	426.7	0									
1202	-3	-1	271	83	3	900	50200	15	8	-2	-003	-1.1	-.019	70	21	29.93	760.2	167	424.2	0									
1203	-11	-3	269	82	4	913	50100	15	8	-2	-003	-6	-.010	70	21	29.93	760.2	166	421.6	0									
1204	-11	-3	245	75	3	905	50200	15	8	-4	-.007	-9	-.016	70	21	29.93	760.2	170	431.8	0									
1206	0	0	229	70	4	910	50200	13	7	-2	-003	1.5	.026	70	21	29.93	760.2	168	426.7	0									
1208	-9	-3	295	90	4	913	50100	13	7	-2	-003	-7	-.012	70	21	29.93	760.2	165	419.1	0									
1211	-14	-4	236	72	3	913	50100	13	7	-3	-005	-9	-.016	70	21	29.93	760.2	168	426.7	1									
1432	-12	-4	244	74	3	900	70120	5	3	-3	-005	-4	-.007	73	23	29.91	759.7	0	0.0	1									
1436	-7	-2	223	68	3	900	70120	5	3	0.0	0.000	-7	-.012	73	23	29.91	759.7	0	0.0	0									
1440	-14	-4	244	74	3	900	50120	5	3	-3	-005	-3.3	-.058	73	23	29.91	759.7	169	429.3	0									
1451	-18	-5	247	75	3	900	50100	5	3	-2	-003	-3	-.005	72	22	29.91	759.7	169	429.3	1									
1458	-17	-5	250	76	2	900	80120	5	3	-5	-009	-1.8	-.031	72	22	28.91	759.7	168	426.7	1									
1471	-9	-3	194	59	4	900	50200	5	3	-3	-005	.3	.005	72	22	29.93	760.2	169	429.3	0									
1712	-5	-2	147	45	2	905	50200	3	2	-4	-007	1.1	.019	71	22	29.92	760.0	170	431.8	0									
1713	-11	-3	196	60	2	913	50120	3	2	-5	-009	0.0	0.000	71	22	29.92	760.0	167	424.2	0									
1714	-15	-5	249	76	3	919	50120	3	2	-3	-005	.3	.005	71	22	29.92	760.0	168	426.7	1									
1715	-6	-2	247	75	2	900	80120	3	2	-7	-012	-1	-.002	71	22	29.92	760.0	169	429.3	1									
1716	-6	-2	239	73	3	914	50200	3	2	-2	-003	.3	.005	71	22	29.92	760.0	169	429.3	0									
1718	-4	-1	209	82	3	913	50120	8	4	-5	-009	1.1	.019	71	22	29.92	760.0	167	424.2	2									
1719	-17	-5	283	80	3	919	50120	8	4	-3	-005	-3	-.005	71	22	29.92	760.0	168	426.7	1									
1720	-2	-1	213	65	2	914	50200	7	4	-3	-005	1.0	.017	71	22	29.92	760.0	168	426.7	0									
1721	-8	-2	248	76	4	905	50120	7	4	-6	-010	0.0	0.000	71	22	29.92	760.0	168	426.7	0									
1722	-9	-3	276	84	3	913	50120	7	4	-6	-010	.1	.002	71	22	29.92	760.0	168	426.7	0									
1723	-13	-4	306	94	4	919	50120	7	4	-5	-009	-6	-.010	71	22	29.92	760.0	167	424.2	0									
1727	-14	-4	173	53	3	913	50120	7	4	-3	-005	-1	-.002	71	22	29.92	760.0	167	424.2	0									
1728	-3	-1	272	83	4	900	50120	7	4	-3	-005	-7	-.012	71	22	29.92	760.0	167	424.2	1									
1731	-6	-2	303	92	4	905	50100	7	4	-5	-009	.5	.009	71	22	29.92	760.0	168	426.7	0									
1732	-10	-3	269	82	3	913	50120	7	4	-3	-005	.1	.002	71	22	29.92	760.0	167	424.2	0									

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL EA-6

UNDG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	UNDG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC			ARR	GEAR	REREAD				
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	KN	M/S	DEG	RAD	F	C	IN	HG	MM	HG	IN	CM	RUNOUTS	NUMBER	
FT	M	FT	M																			
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82		
1736	-10	-3	253	77	4	914	50100	5	3	-4	-.007	-.8	-.014	71	22	29.92	760.0	167	424.2	0		
1737	-11	-3	250	79	3	913	50100	5	3	-5	-.009	-.9	-.016	71	22	29.92	760.0	0	0.0	0		
1738	-6	-2	223	68	3	913	50200	5	3	-3	-.005	-.4	-.007	71	22	29.92	760.0	170	431.6	0		
1742	-12	-4	149	45	3	905	50120	5	3	-2	-.003	.4	.007	71	22	29.92	760.0	0	0.0	0		
1743	-13	-4	283	86	3	919	50120	5	3	-7	-.012	-.9	-.016	71	22	29.92	760.0	168	426.7	1		
1745	-8	-2	250	76	4	905	50120	5	3	-7	-.012	-.7	-.012	71	22	29.92	760.0	168	426.7	0		
1746	-7	-2	270	82	4	900	50120	5	3	-6	-.010	.3	.005	71	22	29.92	760.0	169	429.3	0		
1749	-9	-3	259	79	3	919	50200	5	3	-4	-.007	-.6	-.010	71	22	29.92	760.0	167	424.2	1		
1751	-12	-4	282	86	3	900	50120	5	3	-3	-.005	-1.0	-.017	71	22	29.92	760.0	168	426.7	2		
1752	-15	-5	237	72	3	919	50120	5	3	0.0	0.000	-1.6	-.028	71	22	29.92	760.0	169	429.3	0		
1755	-16	-5	205	62	3	913	50120	5	3	-3	-.005	-.1	-.002	71	22	29.92	760.0	170	431.6	0		
1756	-19	-6	223	68	3	913	50120	5	3	-3	-.005	-1.4	-.024	71	22	29.92	760.0	168	426.7	1		
1841	-13	-4	206	63	3	900	50120	11	6	-4	-.007	-.5	-.009	69	21	29.95	760.7	169	429.3	0		
1850	-10	-3	236	73	3	900	50200	11	6	-5	-.009	-.1	-.002	69	21	29.95	760.7	167	424.2	0		
1860	-14	-4	229	70	3	900	50120	11	6	-3	-.005	-1.6	-.028	69	21	29.95	760.7	166	421.6	0		
4180	-9	-3	247	75	3	905	50120	16	8	-3	-.005	-.9	-.016	70	21	29.93	760.2	169	429.3	0		

**EA-6 NIGHT**



LANDING DATA - MODEL EA-6										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
LNDG NO.	VPAF	VE-FILM		WIND-VEL		PAR.	PERP.	VEOR	VPAMIN	VSP'A	KVPA	KV	LIFT	LIFT	WIGHT	LBS	KG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		KN	M/S	KN	M/S													KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN

## LANDING DATA - MODEL EA-6 USS ENTERPRISE (CVN-65) NIGHT LANDINGS

LNOG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE	PORT	STBD	AVG	FREE-FLIGHT	BHW	BVV	DEC	RAD	DEC	RAD	DEC	RAD	FT	M	FT	M
	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	40
9445	4.5	1.4	10.8	3.3	10.8	3.3	10.8	3.3	10.8	3.3				3.2	.056			
9450	8.0	2.4	7.2	2.2	8.7	2.7	8.2	2.5						1.9	.034			
9451	7.9	2.4	9.3	2.8	8.0	2.4	9.0	2.7	8.7	2.6				3.2	.055			
9454	7.8	2.4	8.4	2.6	7.8	2.4	8.2	2.5						2.0	.035			
9456	1.1	.3	13.2	4.0	12.2	3.7	13.2	4.0						3.9	.067			
9481	6.8	2.1	11.9	3.6	11.8	3.6	11.8	3.6						3.2	.056			
9488	7.1	2.2	8.2	2.5	8.5	2.6	8.5	2.6						2.4	.042			
9476	9.7	2.9	8.4	2.6	6.9	2.1	8.0	2.4						1.6	.027			
9478	5.8	1.8	11.6	3.5	10.1	3.1	10.9	3.3						2.6	.046			
9484	4.2	1.3	13.6	4.1	10.6	3.2	12.3	3.8						3.3	.058			
9486	6.0	1.8	12.5	3.8	12.0	3.6	12.4	3.8						3.6	.063			
9488	2.7	.8	9.2	2.8	9.0	2.7	9.1	2.8						2.8	.048			
9489	5.4	1.6	5.9	1.8	5.9	1.8	6.2	1.9						1.6	.028			
9490	4.1	1.3	11.6	3.5	12.7	3.9	12.2	3.7						3.5	.062			
9491	10.4	3.2	10.3	3.1	9.7	3.0	9.9	3.0						3.1	.054			
9492	8.5	2.6	7.4	2.3	7.2	2.2	6.9	2.1						2.2	.039			
9493	1.0	.3	7.3	2.2	7.6	2.3	7.5	2.3						1.8	.031			
9494	11.9	3.6	11.8	3.6	12.3	3.7	12.5	3.8						3.1	.055			
9495	3.1	.9	11.5	3.5	11.6	3.5	11.8	3.6						3.1	.055			
9498	6.4	1.9	8.3	2.5	9.7	3.0	9.2	2.8						2.5	.043			
9499	11.7	3.6	11.7	3.6	11.0	3.3	11.3	3.4	13.3	4.0				3.1	.054			
9502	7.0	2.1	14.4	4.4	11.3	3.4	12.8	3.9						3.6	.062			
9503	5.2	1.6	9.0	2.7	8.0	2.4	8.7	2.7						2.3	.041			
9505	8.8	2.7	11.7	3.6	11.4	3.5	10.8	3.3						2.7	.048			
9508	15.1	4.6	14.7	4.5	14.8	4.5	14.7	4.5						3.9	.068			
9512	1.0	.3	7.7	2.4	7.4	2.2	8.5	2.6						1.9	.033			
9513	12.3	3.8	12.4	3.8	11.8	3.6	12.1	3.7						3.2	.056			
9517	7.9	2.4	11.0	3.4	9.4	2.9	10.3	3.1						2.5	.044			
9519	5.5	1.7	12.6	3.8	11.0	3.4	11.8	3.6						3.1	.054			
9520	12.6	3.8	14.0	4.3	13.6	4.1	13.8	4.2						4.0	.069			
9526	3.8	1.2	5.4	1.6	6.8	2.1	5.7	1.7	6.1	1.9				1.2	.022			
9530	.7	.2	14.1	4.3	12.4	3.8	12.3	3.8						3.2	.057			
9543	5.5	1.7	8.5	2.6	7.6	2.3	8.0	2.5						2.5	.044			
9548	6.6	2.0	9.7	3.0	8.3	2.5	9.5	2.9						2.7	.047			
9551	6.4	1.9	8.0	2.5	8.2	2.5	8.1	2.5						2.2	.038			
9566	8.8	2.7	9.8	3.0	9.9	3.0	9.8	3.0						2.8	.048			
9570	4.9	1.5	6.9	2.1	8.7	2.6	7.7	2.3						1.9	.034			

LANDING DATA - MODEL EA-6										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
LNDG NO	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW			
	TD	DEG	RAD	DEG	RAD	FF	TD	DEG	RAD	DEG	RAD	FF	AT TD	DEG	RAD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG		RAD		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61									
9445	12.7	.222					-1	-.002					5.8	.101	-.2	-.003	-5.7	-.099	6.9	.120									
9450	8.9	.155					2.7	.047					0.0	0.000	-5.8	-.101	-4.2	-.073	6.1	.106									
9451	11.3	.197			12.3	.215	-2.4	-.042			-1.5	-.026	9.7	.169	2.9	.051	-4.6	-.080	-4	-.007									
9454	9.7	.169					2.4	.042					3.3	.058	3.3	.058	-3.9	-.068	7.4	.129									
9456	14.1	.246					1.9	.033					.3	.005	10.5	.183	-3.7	-.065	2.2	.038									
9461	8.7	.152					.6	.010					3.2	.056	.5	.009	-4.7	-.082	3.0	.052									
9468	11.9	.208					1.3	.023					3.0	.052	-.4	-.007	-4.9	-.086	.9	.016									
9476	8.3	.145					5.3	.092					0.0	0.000	11.0	.192	-5.5	-.096	4.3	.075									
9478	11.2	.195					.4	.007					-1	-.002	8.0	.140	-5.6	-.098	4.5	.079									
9484	11.9	.208					-3.3	-.058					-.4	-.007	13.4	.234	-4.9	-.086	-5	-.009									
9486	10.6	.185					-2.6	-.045					0.0	0.000	.9	.016	-3.4	-.059	-2.8	-.049									
9488	12.1	.211					.7	.012					1.1	.019	1.3	.023	-5.7	-.099	4.2	.073									
9489	11.5	.201					3.4	.059					4.2	.073	3.0	.052	-5.1	-.089	7.7	.134									
9490	11.7	.204					2.6	.045					.6	.010	-6.0	-.105	-5.3	-.092	2.2	.038									
9491	10.5	.183					2.0	.035					0.0	0.000	1.7	.030	-3.6	-.063	-2.6	-.045									
9492	8.8	.154					2.9	.051					0.0	0.000	-2.6	-.045	-5.3	-.092	-4	-.007									
9493	9.8	.171					.8	.014					-1	-.002	-1.2	-.021	-4.1	-.072	1.4	.024									
9494	8.6	.150					5.0	.087					1.0	.017	1.8	.031	-4.8	-.084	2.8	.049									
9495	12.1	.211					1.5	.026					-1.8	-.031	1.9	.033	-3.1	-.054	1.6	.028									
9498	10.5	.183					1.2	.021					2.3	.040	-5.1	-.089	-2.2	-.038	-2.0	-.035									
9499	7.9	.138					1.2	.021					0.0	0.000	3.6	.063	-4.7	-.082	-9	-.016									
9502	12.5	.218			12.7	.222	-9	-.016			1.0	.017	-3.1	-.054	16.2	.283	-2.2	-.038	-2.9	-.051									
9503	9.5	.166					-2.9	-.051					6.3	.110	2.4	.042	-4.0	-.070	-1.0	-.017									
9505	8.9	.155					5.0	.087					.7	.012	-5.8	-.101	-1.7	-.030	1.7	.030									
9508	6.7	.117					-1.9	-.033					4.5	.079	-.6	-.010	-2.1	-.037	-3.6	-.063									
9512	12.6	.220					.2	.003					10.4	.181	-7.6	-.133	-3.3	-.058	1.9	.033									
9513	11.1	.194					1.2	.021					0.0	0.000	2.8	.049	-2.9	-.051	3.8	.066									
9517	8.5	.148					5.4	.094					.3	.005	9.2	.161	.7	.012	-2.4	-.042									
9519	9.6	.168					2.2	.038					3.7	.065	8.2	.143	2.0	.035	0.0	0.000									
9520	7.8	.136					-1	-.002					4.0	.070	2.1	.037	-5.3	-.082	8.5	.148									
9526	9.6	.168			10.3	.180	-3.4	-.050			-3.9	-.068	7.0	.122	-3.6	-.063	-7.8	-.136	10.2	.178									
9530	9.8	.171					4.9	.086					-.2	-.003	-.6	-.010	-3.7	-.065	6.5	.113									
9543	9.8	.171					.2	.003					5.6	.098	4.9	.086	-2.9	-.051	-1.9	-.033									
9548	9.6	.168					1.3	.023					5.5	.096	13.0	.227	-4.5	-.079	1.9	.033									
9551	8.5	.148					1.3	.023					6.1	.106	-.8	-.014	-2.0	-.035	3.4	.059									
9566	9.7	.169					.1	.002					0.0	0.000	-.7	-.012	-5.2	-.091	8.2	.143									
9570	10.2	.178					1.4	.024					7.5	.131	-10.1	-.176	-5.1	-.089	1.7	.030									

LANDING DATA - MODEL EA-6										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
LNOG NO.	OFF-CENTER DISTANCE	RAMP TO TD DISTANCE	WIRE NO.	SIDE NO.	TYPE	LNOG NO.	FLAP	SHIP CODE	SPEED	KN	M/S	DEG	RAD	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC PRESSURE				ARR GEAR	REREAD							
																	MM HG	IN	CM	NUMBER									
FT	M	FT	M			FT	M										F	C	IN HG	MM HG	IN	CM							
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
9445	-7	-2	261	80	3	914	50120	7	4	-3	-005	1.8	.031	71	22	29.90	759.5	171	434.3	0									
9450	-11	-3	270	82	4	913	50200	7	4	-4	-007	-3	-005	71	22	29.90	759.5	168	426.7	1									
9451	-14	-4	251	77	2	900	50100	7	4	2	.003	.6	.010	71	22	29.90	759.5	168	426.7	0									
9454	-15	-5	280	85	4	905	50200	7	4	-5	-009	-2	-003	71	22	29.90	759.5	169	429.3	0									
9456	-14	-4	227	89	2	900	50200	7	4	-2	-003	.1	.002	71	22	29.90	759.5	168	426.7	0									
9461	-15	-5	265	81	7	913	70120	-	4	-4	-007	-1.2	-021	71	22	29.90	759.5	0	0.0	0									
9468	-11	-3	253	77	2	914	50200	7	4	-5	-009	-1.2	-021	71	22	29.90	759.5	170	431.8	0									
9476	-10	-3	303	92	4	905	50200	7	4	-4	-007	.5	.009	71	22	29.90	759.5	169	429.3	0									
9478	-14	-4	221	67	2	900	50120	7	4	-6	-014	1.3	.023	71	22	29.90	759.5	169	429.3	0									
9484	-15	-5	226	69	2	913	50100	7	4	-6	-010	.7	.012	71	22	29.90	759.5	169	429.3	1									
9486	-12	-4	266	81	7	900	60100	7	4	-5	-009	-1.3	-023	71	22	29.90	759.5	0	0.0	1									
9488	-14	-4	209	64	2	900	50120	7	4	-3	-005	.5	.009	71	22	29.90	759.5	170	431.8	0									
9489	-9	-3	252	77	3	905	50200	7	4	-4	-007	1.4	.024	71	22	29.90	759.5	169	429.3	0									
9490	-12	-4	259	79	4	13	50120	7	4	-5	-009	.4	.007	71	22	29.90	759.5	169	429.3	1									
9491	0	0	336	102	7	900	60200	7	4	-2	-003	-3	-005	71	22	29.90	759.5	0	0.0	0									
9492	-8	-2	321	98	7	900	60200	7	4	-2	-003	.5	.009	71	22	29.90	759.5	0	0.0	0									
9493	-11	-3	218	66	7	914	70120	4	2	-4	-007	.4	.007	71	22	29.92	760.0	0	0.0	0									
9494	-14	-4	236	72	7	905	70200	4	2	-5	-009	.6	.010	71	22	29.92	760.0	0	0.0	0									
9495	-19	-6	222	68	4	2	50200	4	2	-6	-010	.1	.002	71	22	29.92	760.0	167	424.2	2									
9498	-16	-5	233	71	3	914	50200	4	2	-5	-009	.5	.009	71	22	29.92	760.0	169	429.3	1									
9499	-8	-2	333	101	7	905	60120	4	2	-3	-005	-1	-002	71	22	29.92	760.0	0	0.0	0									
9502	-18	-5	250	76	2	919	80120	4	2	-4	-007	-7	-012	71	22	29.92	760.0	168	426.7	2									
9503	-12	-4	224	68	2	914	50100	4	2	-4	-007	-9	-016	71	22	29.92	760.0	169	429.3	0									
9505	-8	-2	188	57	2	900	50200	4	2	-7	-012	-2	-003	71	22	29.92	760.0	169	429.3	0									
9506	-13	-4	228	69	2	905	50120	4	2	-7	-012	-1	-002	71	22	29.90	759.5	170	431.8	1									
9512	-8	-2	188	57	2	900	50100	4	2	-7	-012	-6	-010	71	22	29.90	759.5	168	426.7	0									
9513	-16	-5	159	48	2	913	50120	4	2	-5	-009	1.3	.023	71	22	29.90	759.5	168	426.7	1									
9517	-12	-4	266	81	4	904	50200	4	2	-7	-012	-1	-002	71	22	29.92	760.0	168	426.7	1									
9519	-11	-3	192	59	2	913	50120	4	2	-4	-007	-1.1	-019	71	22	29.92	760.0	168	426.7	1									
9520	-16	-5	277	84	2	905	60120	4	2	-2	-003	-1.7	-030	71	22	29.92	760.0	0	0.0	0									
9526	-9	-3	259	79	2	905	50100	4	2	-5	-009	-1	-002	71	22	29.92	760.0	169	429.3	1									
9530	-19	-6	191	56	2	913	50200	4	2	-7	-012	-5	-009	71	22	29.92	760.0	168	426.7	0									
9543	-8	-2	261	80	4	900	70120	4	2	0	0.000	-7	-012	71	22	29.92	760.0	0	0.0	0									
9548	-6	-2	265	81	3	900	50200	5	3	-4	-007	0	0.000	71	22	29.93	760.2	167	424.2	0									
9551	-14	-4	285	87	3	905	50120	5	3	-4	-007	-1.7	-030	71	22	29.93	760.2	169	429.3	0									
9560	-10	-3	297	91	7	905	60120	5	3	-3	-005	.4	.007	71	22	29.93	760.2	0	0.0	0									
9570	-9	-3	258	79	4	905	50200	5	3	-4	-007	-2	-003	71	22	29.93	760.2	167	424.2	0									

LANDING DATA - MODEL E-2C										USS ENTERPRISE (CVN-63)						DAY LANDINGS					
LNDC NO.	VPAF	VE-FILM		WIND-VEL		PAR.	PERP.	VEOR	VPAMIN	VSP'A	KVPA	KV	LIFT		LIFT	LBS	KG				
		KN	M/S	KN	M/S								TD	FF							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
135	87	45	64	33	23	12	2	1	69	35			86	44		1.29	1.20		43460	19713	
1978	111	57	86	44	25	13	2	1	87	45			88	45		1.26	1.00		45860	20802	
1980	112	58	87	45	25	13	2	1	91	47			88	45		1.22	1.00		44960	20394	
1981	107	55	82	42	25	13	2	1	87	45			86	44		1.33	.90		43560	19759	
1983	115	59	90	46	25	13	2	1	92	47			88	45		1.30	1.00		44960	20394	
1984	114	59	89	46	25	13	2	1	87	45			88	45		1.37	1.00		45860	20802	
1985	121	62	96	49	25	13	2	1	90	46			86	44		1.24	.90		43260	19623	
1987	105	54	80	41	25	13	2	1	82	42			86	44		1.21	1.10		43660	19804	
1988	116	60	91	47	25	13	2	1	89	46			88	45		1.32	1.10		45360	20575	
1989	105	54	80	41	25	13	2	1	72	37			86	44		1.22	.90		43160	19577	
1990	107	55	82	42	25	13	2	1	83	43			86	44		1.25	1.10		43460	19713	
1992	116	60	91	47	25	13	2	1	98	50			88	45		1.32	1.00		45360	20575	
1993	106	55	81	42	25	13	2	1	84	43			86	44		1.23	.90		43060	19532	
1994	109	56	84	43	25	13	2	1	79	41			86	44		1.27	.80		43160	19577	
1999	106	55	81	42	25	13	2	1	87	45			85	44		1.24	.90		42560	19305	
2000	106	55	81	42	25	13	2	1	81	42			85	44		1.25	1.00		42360	19214	
2001	104	53	79	41	25	13	2	1	83	43			88	45		1.19	1.10		44960	20394	
2002	113	58	88	45	25	13	2	1	90	46			87	45		1.29	1.00		44760	20303	
2003	109	56	84	43	25	13	2	1	84	43			85	44		1.28	1.00		42360	19214	
2004	110	57	85	44	25	13	2	1	84	43			88	45		1.26	1.00		44960	20394	
2005	108	56	83	43	25	13	2	1	85	44			85	44		1.28	1.00		42060	19078	
2006	110	57	85	44	25	13	2	1	90	46			86	44		1.28	.80		43860	19895	
2007	101	52	76	39	25	13	2	1	84	43			85	44		1.20	.90		41960	19033	
2008	106	55	81	42	25	13	2	1	81	42			86	44		1.22	1.00		43760	19850	
2009	107	55	82	42	25	13	2	1	82	42			84	43		1.27	1.00		41760	18942	
2011	103	53	78	40	25	13	2	1	76	39			84	43		1.22	1.00		41260	18716	
2012	110	57	85	44	25	13	2	1	87	45			84	43		1.30	.90		41760	18942	
2015	107	55	82	42	25	13	2	1	91	47			84	43		1.26	.90		41760	18942	
2019	109	56	84	43	25	13	2	1	73	38			86	44		1.27	1.10		43160	19577	
2020	107	55	82	42	25	13	2	1	82	42			86	44		1.25	.80		43060	19532	
2024	106	55	81	42	25	13	2	1	84	43			86	44		1.22	.90		43660	19804	
2025	113	58	86	45	25	13	2	1	90	46			86	44		1.31	1.10		43760	19850	
2026	108	56	83	43	25	13	2	1	95	49			86	44		1.25	1.00		43760	19850	
2027	112	58	87	45	25	13	2	1	95	49			86	44		1.30	1.00		43660	19804	
2029	107	55	82	42	25	13	2	1	89	46			86	44		1.25	.90		43460	19713	
2030	106	55	81	42	25	13	2	1	79	41			85	44		1.25	1.00	1.00	42160	19124	
2031	107	55	82	42	25	13	2	1	76	39			85	44		1.26	.90		42660	19351	
2033	105	54	80	41	25	13	2	1	79	41			86	44		1.23	.80		43160	19577	
2034	104	53	79	41	25	13	2	1	86	44			86	44		1.21	.90		43660	19804	

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL E-2C

LDNG	VPAF	VE-FILM	WIND-VEL		VEOR		VPAMIN	VSP'A	KVPA	KV	LIFT	LIFT	WEIGHT							
NO.	TD	KN	M/S	KN	M/S	KN	M/S	KN	M/S	MIN	SP' A	TO	FF	LBS	KG					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2035	107	55	82	42	25	13	4	2	88	45			86	44		1.25	1.00		43560	19759
2036	104	53	79	41	25	13	4	2	89	46			85	44		1.22	.90		42660	19351
2038	106	55	81	42	25	13	4	2	89	46			84	43		1.26	.90		41460	18806
2040	107	55	82	42	25	13	4	2	80	41			85	44		1.25	.90		42260	19169
2041	104	53	80	41	24	12	4	2	84	43			84	43		1.24	1.00		41160	18670
2042	111	57	90	46	21	11	4	2	91	47			85	44		1.31	1.20		41960	19033
2043	103	53	81	42	22	11	4	2	73	38			84	43		1.23	1.10		40960	18579
2117	110	57	88	45	22	11	0	0	86	44			86	44		1.27	1.00		43860	19895
2132	106	56	85	44	23	12	0	0	83	43			86	44		1.26	1.00		43160	19577
2141	103	53	80	41	23	12	0	0	86	44			87	45		1.19	.90		43960	19940
2149	109	56	86	44	23	12	0	0	86	44			86	44		1.26	1.30	1.20	43660	19804
2371	108	56	88	45	20	10	2	1	90	46			85	44		1.26	.80		42560	19305
2372	109	56	89	46	20	10	2	1	91	47			86	44		1.25	1.00		43860	19895
2376	112	58	88	45	24	12	0	0	90	46			88	45		1.27	1.00		45660	20711
2377	109	56	85	44	24	12	0	0	85	44			86	44		1.26	.90		43660	19804
2378	110	57	86	44	24	12	0	0	88	45			88	45		1.25	.90		45160	20485
2379	110	57	86	44	24	12	0	0	95	49			86	44		1.28	1.00		43660	19804
2380	114	59	90	46	24	12	0	0	82	42			86	44		1.32	1.10		43360	19668
2381	104	53	80	41	24	12	0	0	88	45			85	44		1.22	1.20		42560	19305
2383	109	56	85	44	24	12	0	0	88	45			86	44		1.27	1.00	1.00	43360	19668
2384	108	56	84	43	24	12	0	0	77	40			87	45		1.23	.90		44860	20348
2385	110	57	86	44	24	12	0	0	89	46			86	44		1.28	.90		43360	19668
2386	100	51	76	39	24	12	0	0	79	41			85	44		1.18	1.00		42560	19305
2387	110	57	86	44	24	12	0	0	91	47			86	44		1.26	1.00		42860	19441
2388	110	57	86	44	24	12	0	0	92	47			87	45		1.26	.90		44860	20348
2389	110	57	86	44	24	12	0	0	84	43			86	44		1.28	1.00		43160	19577
2390	107	55	83	43	24	12	0	0	84	43			85	44		1.25	1.00		42560	19305
2391	104	53	82	42	22	11	0	0	84	43			86	44		1.22	1.20		42860	19441
2392	107	55	85	44	22	11	0	0	91	47			86	44		1.24	1.20		43160	19577
2393	107	55	85	44	22	11	0	0	82	42			87	45		1.22	1.20	1.10	44760	20303
2394	105	54	83	43	22	11	0	0	85	44			86	44		1.22	.90		42960	19487
2396	102	52	80	41	22	11	0	0	86	44			86	44		1.20	1.00		42860	19441
2402	104	53	81	42	23	12	0	0	74	38			84	43		1.23	1.00		41860	18988
2404	106	55	83	43	23	12	0	0	81	42			86	44		1.23	.90		43360	19668
2405	107	55	84	43	23	12	0	0	84	43			86	44		1.25	1.10		42860	19441
2406	105	54	82	42	23	12	0	0	83	43			86	44		1.23	1.00		43360	19668
2407	109	56	86	44	23	12	0	0	79	41			85	44		1.23	1.00		42160	19124
2408	107	55	84	43	23	12	0	0	84	43			85	44		1.26	1.10		42360	19214
4038	102	52	78	40	24	12	4	2					86	44		1.19	1.00		42860	19441

## LANDING DATA - MODEL E-2C

## USS ENTERPRISE (CVN-65)

## DAY LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVW		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
135	9.3	2.6	8.9	2.7	8.8	2.7	9.6	2.9			4.1	.072	4.6	.079	18.2	5.5	15.4	4.7
1978	3.7	1.1	9.8	3.0	7.9	2.4	8.8	2.7			3.5	.060	3.7	.064	18.1	5.5	12.4	3.8
1980	9.8	3.0	12.7	3.9	10.0	3.0	11.3	3.5			3.5	.061	4.3	.075	19.0	5.8	13.6	4.2
1981	-4	-1	6.4	2.0	8.1	2.5	7.0	2.1			2.5	.044	2.6	.045	13.3	4.1	7.2	2.2
1983	5.4	1.7	8.2	2.5	8.0	2.4	7.9	2.4			2.6	.046	2.8	.048	16.5	5.0	11.3	3.4
1984	6.7	2.0	9.3	2.8	8.6	2.6	9.0	2.7			3.1	.055	3.3	.058	18.6	5.7	12.8	3.9
1985	7.3	2.2	10.9	3.3	10.8	3.3	10.4	3.2			4.1	.072	3.6	.064	20.9	6.4	15.5	4.7
1986	9.7	3.0	10.0	3.0	10.9	3.3	10.2	3.1			2.3	.039	4.1	.072	15.7	4.8	9.5	2.9
1987	5.9	1.8	7.3	2.2	6.6	2.0	7.2	2.2			3.3	.057	3.0	.052	17.9	5.5	12.5	3.8
1988	8.3	2.5	9.8	3.0	7.5	2.3	8.8	2.7			3.2	.057	2.8	.048	19.5	5.9	15.0	4.6
1989	7.0	2.1	8.3	2.5	8.5	2.6	8.4	2.6			2.8	.048	3.7	.064	16.1	4.9	9.7	3.0
1990	1.1	.3	8.1	2.5	7.5	2.3	7.8	2.4			3.2	.055	2.9	.051	16.2	4.9	10.4	3.2
1992	.9	.3	5.3	1.6	5.6	1.7	5.5	1.7			3.1	.054	2.0	.036	16.3	5.0	10.8	3.3
1993	7.2	2.2	8.0	2.4	8.5	2.6	8.3	2.5			1.8	.031	3.1	.054	14.4	4.4	8.5	2.6
1994	4.7	1.4	7.4	2.2	7.3	2.2	7.1	2.1			2.2	.038	2.8	.048	13.1	4.0	8.1	2.5
1999	6.6	2.0	7.3	2.2	7.2	2.2	7.2	2.2			2.2	.039	2.8	.049	12.9	3.9	7.3	2.2
2000	6.1	1.9	4.7	1.4	5.4	1.6	4.9	1.5			2.9	.051	2.2	.039	11.9	3.6	6.0	1.8
2001	5.8	1.8	7.3	2.2	8.8	2.7	7.8	2.4			3.4	.060	3.0	.053	18.6	5.7	12.3	3.8
2002	6.9	2.1	10.5	3.2	8.2	2.5	9.0	2.7			2.8	.050	3.2	.055	16.0	4.9	10.5	3.2
2003	5.9	1.8	5.3	1.6	7.7	2.4	6.5	2.0			2.3	.039	2.2	.039	15.4	4.7	9.9	3.0
2004	4.6	1.4	5.2	1.6	3.6	1.1	4.8	1.4			2.5	.043	1.8	.031	15.0	4.6	9.9	3.0
2005	5.8	1.6	5.5	1.7	6.9	2.1	6.8	2.1			2.9	.051	2.5	.043	13.2	4.0	7.3	2.2
2006	5.2	1.6	9.1	2.8	6.5	2.0	7.9	2.4			1.7	.029	3.0	.053	10.2	3.1	4.7	1.4
2007	8.7	2.6	9.5	2.9	7.9	2.4	8.5	2.6			2.5	.043	3.7	.064	15.9	4.8	9.4	2.9
2008	4.7	1.4	8.7	2.6	5.9	1.8	6.3	1.9			2.3	.040	2.2	.038	13.1	4.0	7.6	2.3
2009	4.8	1.5	5.6	1.7	3.6	1.1	3.3	1.0			2.2	.038	1.2	.020	11.5	3.5	5.7	1.7
2011	8.9	2.7	10.8	3.3	8.0	2.4	9.5	2.9			2.1	.036	3.8	.067	15.7	4.8	8.7	2.7
2012	2.1	.6	8.3	2.5	9.9	3.0	8.9	2.7			2.5	.043	3.6	.062	11.3	3.4	5.1	1.6
2015	3.7	1.1	7.1	2.2	7.4	2.3	7.1	2.2			2.1	.036	2.5	.044	12.7	3.9	6.9	2.1
2019	5.9	1.8	7.2	2.2	4.7	1.4	6.0	1.8			3.0	.052	2.4	.042	14.4	4.4	9.0	2.7
2020	3.6	1.1	9.1	2.8	11.7	3.6	10.3	3.1			2.5	.044	3.9	.069	14.2	4.3	7.9	2.4
2024	7.1	2.1	6.9	2.1	7.2	2.2	6.9	2.1			2.6	.045	2.7	.047	17.0	5.2	11.1	3.4
2025	5.9	1.8	7.8	2.4	6.3	1.9	7.3	2.2			2.7	.048	2.7	.047	17.3	5.3	11.5	3.5
2026	5.3	1.6	7.5	2.3	5.9	1.8	6.5	2.0			2.6	.045	2.5	.044	15.4	4.7	9.6	2.9
2027	6.8	2.1	7.3	2.2	7.8	2.4	7.3	2.2			2.4	.041	2.5	.044	15.9	4.8	10.4	3.2
2029	9.6	2.9	10.5	3.2	8.2	2.5	9.0	2.7			2.6	.045	3.6	.063	15.5	4.7	9.3	2.8
2030	3.8	1.2	4.2	1.3	6.1	1.9	5.1	1.5			2.0	.034	1.6	.028	12.8	3.9	7.0	2.1
2031	6.2	1.9	6.1	1.9	5.9	1.8	6.0	1.8			2.5	.044	2.3	.039	13.8	4.2	8.1	2.5
2033	11.4	3.5	9.6	2.9	11.2	3.4	10.5	3.2			2.5	.043	4.6	.081	15.4	4.7	8.7	2.6
2034	7.6	2.1	7.2	2.2	8.0	2.4	7.5	2.3			2.3	.040	3.0	.053	13.6	4.1	7.0	2.1

## LANDING DATA - MODEL E-2C

USS ENTERPRISE (CVN-65)

DAY LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BNW		BVV		OVER RAMP		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
2035	3.5	1.1	3.6	1.1	3.1	.9	2.6	.8			3.0	.052	1.2	.020	15.6	4.8	10.2	3.1		
2036	1.6	.5	9.3	2.8	8.2	2.5	9.0	2.7			2.0	.035	3.6	.062	12.5	3.8	6.2	1.9		
2039	5.0	1.5	6.9	2.1	7.6	2.3	7.2	2.2			2.0	.034	2.9	.051	11.3	3.4	5.8	1.8		
2040	5.8	1.8	6.9	2.1	7.0	2.1	7.0	2.1			2.1	.036	2.6	.045	13.4	4.1	7.3	2.2		
2041	3.7	1.1	6.8	2.1	7.6	2.3	7.3	2.2			2.6	.046	2.8	.049	14.2	4.3	8.6	2.6		
2042	5.5	1.7	7.0	2.1	6.4	2.0	6.7	2.0			3.5	.061	2.5	.044	18.4	5.6	13.1	4.0		
2043	3.0	.9	6.0	1.8	7.1	2.2	6.6	2.0			3.1	.054	2.4	.041	16.1	4.9	11.0	3.3		
2117	6.1	1.9	7.6	2.3	7.4	2.3	7.4	2.3			2.5	.044	2.6	.045	16.0	4.9	10.9	3.3		
2132	5.4	1.6	11.0	3.4	9.8	3.0	10.4	3.2					4.0	.069						
2141	8.3	2.5	9.8	3.0	7.6	2.3	8.7	2.6			2.7	.048	3.4	.059	17.5	5.3	11.0	3.4		
2149	5.0	1.5	6.4	2.0	2.2	.7	4.3	1.3			2.9	.050	1.4	.024	17.4	5.3	10.9	3.3		
2371	7.4	2.2	8.7	2.7	10.8	3.3	9.6	2.9			2.2	.038	3.7	.065	13.4	4.1	8.2	2.5		
2372	8.8	2.7	10.3	3.2	8.5	2.6	9.0	2.7			2.7	.048	3.2	.057	16.6	5.1	11.1	3.4		
2376	7.0	2.1	7.3	2.2	7.1	2.2	7.2	2.2			2.9	.050	2.8	.048	17.9	5.5	12.4	3.8		
2377	7.6	2.3	8.0	2.5	13.7	4.2	10.9	3.3			2.7	.047	4.3	.076	14.7	4.5	8.5	2.6		
2378	8.1	2.5	9.1	2.8	9.1	2.8	8.9	2.7			2.8	.049	3.5	.061	15.1	4.6	9.8	3.0		
2379	7.6	2.3	8.2	2.5	6.1	1.9	7.2	2.2			2.7	.048	3.0	.053	13.9	4.2	8.1	2.5		
2380	5.9	1.8	7.5	2.3	6.4	1.9	6.4	1.9					2.3	.040						
2381	6.8	2.1	6.0	1.8	7.4	2.2	7.0	2.1			3.6	.063	3.2	.056	21.4	6.5	14.7	4.5		
2383	7.0	2.1	7.3	2.2	5.5	1.7	6.4	2.0			6.3	.046	2.5	.044	14.9	4.5	9.5	2.9		
2384	9.2	2.8	10.6	3.2	9.4	2.9	10.0	3.0			3.0	.053	4.1	.072	19.1	5.8	13.6	4.2		
2385	10.0	3.0	10.5	3.2	9.1	2.8	9.6	2.9			2.7	.048	3.8	.066	13.8	4.2	8.0	2.5		
2386	8.5	2.6	8.4	2.6	8.5	2.6	8.4	2.6					3.4	.060						
2387	3.2	1.0	3.7	1.1	5.4	1.7	4.6	1.4			2.4	.042	2.1	.037	10.5	3.2	4.8	1.4		
2388	4.4	1.3	4.8	1.4	7.4	2.3	6.2	1.9			2.6	.045	2.4	.041	10.4	3.2	4.8	1.5		
2389	7.3	2.2	9.6	2.9	7.5	2.3	8.6	2.6			2.7	.048	3.4	.059	14.4	4.4	9.0	2.8		
2390	9.6	2.9	8.8	2.7	7.6	2.3	8.2	2.5			3.3	.058	3.9	.067	15.8	4.8	9.7	2.9		
2391	5.0	1.5	5.2	1.6	6.3	1.9	6.0	1.8			3.1	.054	2.4	.042	13.7	4.2	7.6	2.3		
2392	6.0	1.8	7.0	2.1	7.7	2.3	7.3	2.2			2.7	.048	2.5	.044	11.5	3.5	5.8	1.8		
2393	8.1	2.5	9.0	2.7	7.3	2.2	7.7	2.3			8.5	.049	2.9	.050	17.3	5.3	11.7	3.6		
2394	5.6	1.7	6.4	2.0	7.0	2.1	6.7	2.0			2.2	.038	2.9	.051	12.3	3.7	6.1	1.9		
2396	6.8	2.1	7.3	2.2	8.0	2.5	7.7	2.3			2.8	.049	3.2	.055	16.2	4.9	10.2	3.1		
2402	8.5	2.6	7.3	2.2	7.4	2.2	7.3	2.2			2.1	.038	2.4	.042	14.4	4.4	8.0	2.4		
2404	8.5	2.6	7.1	2.2	7.9	2.4	7.5	2.3			2.6	.046	2.9	.050	16.4	5.0	10.9	3.3		
2405	3.8	1.1	3.6	1.1	6.1	1.9	5.1	1.5			2.2	.038	1.9	.034	13.8	4.2	7.9	2.4		
2406	8.5	2.6	8.8	2.7	10.5	3.2	8.7	2.6			2.9	.051	3.6	.062	14.1	4.3	8.4	2.5		
2407	3.5	1.1	7.6	2.3	5.3	1.6	6.6	2.0			2.8	.049	2.7	.048	14.3	4.4	8.4	2.6		
2408	8.4	2.6	6.3	1.9	9.8	3.0	8.0	2.4			3.4	.059	3.5	.061	18.5	5.6	12.3	3.8		
4038	5.6	1.7	3.6	1.1	3.8	1.1	3.7	1.1					1.5	.026						



LANDING DATA -- MODEL E-2C				USS ENTERPRISE (CVN-65)				DAY LANDINGS				F. P. A.				YAW				
LNDG NO	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				AT TD			
	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
135	2.1	.037	.9	.016			-.6	-.016	-4.1	-.072			3.7	.065	-4.6	-.080	-2.2	-.038	2.7	.047
1978	7.7	.134	8.1	.141			.1	.002	4.6	.080			-2.7	-.047	5.3	.092	.4	.007	3.2	.056
1980	6.7	.117	7.3	.127			0.0	.000	-9	-.016			-2.3	-.040	8.2	.143	-2.1	-.037	-3	-.065
1981	7.9	.138	10.1	.178			3.0	.052	1.8	.031			-.6	-.010	-6.4	-.112	-4.0	-.070	4.2	.073
1983	4.6	.080	7.8	.136			4.0	.070	-1	-.002			-1.5	-.026	-.6	-.010	-2.8	-.049	4.2	.073
1984	8.1	.141	8.6	.150			.2	.003	1.2	.021			-.3	-.005	1.9	.033	-2.3	-.040	3.1	.054
1985	7.2	.126	6.8	.119			3.7	.065	4.0	.070			-2.2	-.038	-2.3	-.040	-1.8	-.031	-3	-.005
1986	5.9	.103	10.5	.183			2.4	.042	2.2	.038			0.0	.000	-4.0	-.070	-3.0	-.052	3.2	.056
1987	7.9	.138	7.7	.134			-3.5	-.061	.5	.009			0.0	.000	.6	.010	2.2	.038	-2.6	-.045
1988	6.6	.115	5.5	.096			-1.0	-.031	-4.2	-.073			-.1	-.002	5.8	.101	.1	.002	-3.1	-.054
1989	6.9	.120	10.4	.181			-1.0	-.002	1.2	.021			-.3	-.005	-.7	-.012	-2.7	-.047	2.0	.035
1990	8.2	.143	8.6	.150			-.1	-.002	-1.1	-.019			-.1	-.002	1.8	.031	-.8	-.014	3.0	.052
1992	6.9	.120	8.0	.140			.1	.002	6.4	.112			-4.5	-.079	-.6	-.010	-2.5	-.044	1.3	.023
1993	7.3	.127	10.2	.178			-.1	-.002	-1.9	-.033			0.0	.000	-1.4	-.024	-5.2	-.091	4.4	.077
1994	6.5	.113	7.9	.138			-1.7	-.030	9.9	.173			-1.3	-.023	1.8	.031	-1.2	-.021	2.1	.037
1998	6.1	.106	9.1	.159			.5	.009	5.3	.092			.3	.005	-.4	.007	-1.1	-.019	0.0	.000
2000	8.5	.148	9.2	.161			7.9	.130	5.7	.099			-3.3	-.058	-3.2	-.056	-2.3	-.040	0.0	.000
2001	8.4	.147	9.5	.166			-.7	-.012	1.7	.030			-.5	-.009	-3.0	-.052	-2.2	-.038	-1.8	-.031
2002	6.7	.117	8.3	.145			-2.1	-.037	.7	.012			-3.2	-.056	8.8	.154	-1.1	-.019	1.7	.030
2003	8.3	.145	8.9	.155			1.1	.019	3.8	.066			-1.8	-.031	-7.1	-.124	-2.6	-.045	4.4	.077
2004	7.3	.127	7.8	.136			-1.1	-.019	4.3	.075			0.0	.000	2.9	.051	-1.4	-.024	2.6	.045
2005	8.6	.150	9.2	.161			6.1	.106	-1	-.002			1.6	.028	-.5	-.009	-.3	-.005	3.0	.052
2006	6.9	.120	9.4	.164			-.1	-.002	3.1	.054			0.0	.000	7.3	.127	-2.6	-.045	2.4	.042
2007	8.1	.141	11.1	.194			-2.1	-.037	1.6	.028			0.0	.000	6.0	.105	-1.4	-.024	2.0	.035
2008	6.0	.105	8.8	.154			4.8	.084	-1.2	-.021			5.8	.101	2.4	.042	-4.3	-.075	1.5	.026
2009	7.8	.136	9.7	.169			5.2	.091	1.7	.030			3.8	.066	-1.4	-.024	-6.7	-.117	4.9	.088
2011	7.0	.122	12.5	.218			2.3	.040	1.0	.017			0.0	.000	8.7	.152	-7.2	-.126	7.7	.134
2012	7.6	.133	10.3	.180			-1.7	-.030	3.3	.058			-4.8	-.084	-3.4	-.059	-4.5	-.079	6.7	.117
2015	6.9	.120	9.8	.171			-1.9	-.033	3.2	.056			-1.9	-.033	.3	.005	-3.2	-.056	2.3	.040
2019	8.0	.140	8.0	.140			-.9	-.016	8.5	.148			1.8	.031	6.9	.120	1.3	.023	-1.8	-.031
2020	6.7	.117	10.5	.183			.5	.009	-.5	-.009			-5.3	-.092	-8.3	-.145	-4.0	-.070	.8	.014
2024	7.7	.134	9.5	.166			-6.4	-.112	.6	.010			0.0	.000	-.2	-.003	-1.2	-.021	-2.0	-.035
2025	8.7	.152	9.2	.161			-1.5	-.026	.2	.003			0.0	.000	3.1	.054	-2.5	-.044	-.6	-.010
2026	7.7	.134	9.3	.162			-3.1	-.054	-1.8	-.031			-.3	-.005	6.4	.112	-.4	-.007	1.3	.023
2027	7.7	.134	8.7	.152			2.6	.045	1.0	.017			0.0	.000	-2.7	-.047	-2.7	-.047	3.3	.058
2028	6.2	.106	10.3	.180			4.2	.073	-3.3	-.058			.6	.010	4.5	.079	-3.4	-.059	4.6	.080
2030	7.3	.127	10.0	.175	7.3	.127	1.3	.023	-3	-.005	1.0	.017	-1.4	-.024	-6.2	-.108	-3.1	-.054	6.1	.108
2031	7.7	.134	9.2	.161			.6	.010	-1.5	-.026			1.1	.019	-.7	.012	-2.8	-.049	2.8	.049
2033	6.5	.113	11.5	.201			-1.9	-.033	-2.4	-.042			0.0	.000	-5.2	-.091	-3.2	-.056	-.6	-.010
2034	8.7	.152	11.3	.197			3.2	.056	1.1	.019			0.0	.000	-2.9	-.051	-2.7	-.047	3.5	.061

**E-2 DAY**

LANDING DATA -- MODEL E-2C				USS ENTERPRISE (CVN-65)				DAY LANDINGS				F. P. A.				YAW				
UNCG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.			
	NO	TD	OR	FF	TD	OR	FF	FF	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	AT TD	DEG	RAD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2035	7.9	.138	8.0	.140			-2.5	-.044	-.3	-.005			0.0	0.000	5.9	.103	-1.6	-.028	1.3	.023
2036	8.9	.155	11.0	.192			-1.2	-.021	-1.4	-.024			-4.5	-.079	1.8	.031	-1.6	-.028	-5	-.009
2039	7.4	.129	9.1	.159			.5	.009	-.5	-.009			-2.7	-.047	-1.9	-.033	-1.9	-.033	-8	-.014
2040	8.5	.148	10.4	.181			1.6	.028	-2.5	-.044			0.0	0.000	-.1	-.002	-4.0	-.070	3.0	.052
2041	7.0	.122	8.7	.152			-.6	-.010	.3	.005			-1.7	-.030	-3.4	-.059	-4.1	-.072	2.2	.030
2042	7.8	.136	7.1	.124			-.9	-.016	-.8	-.014			0.0	0.000	1.5	.026	-3.1	-.054	2.0	.035
2043	7.0	.136	7.2	.126			.1	.002	-2.1	-.037			-1.2	-.021	-3.4	-.059	-3.7	-.065	2.1	.037
2117	7.9	.138	7.7	.134			1.8	.031	-1.9	-.033			0.0	0.000	.2	.003	-4.0	-.070	3.3	.058
2132	8.4	.164					-.1	-.002					-4.0	-.070	3.6	.063	-3.0	-.052	5.9	.103
2141	8.8	.154	10.7	.187			-1.4	-.024	-.8	-.014			0.0	0.000	6.5	.113	-2.6	-.045	3.4	.059
2149	10.9	.190	10.6	.185	11.1	.194	.3	.005	7.0	.122	2.7	.047	0.0	0.000	12.3	.215	-2	-.003	2.0	.035
2371	6.5	.113	8.3	.145			1.6	.028	4.2	.073			-.9	-.016	-7.3	-.127	-3.0	-.052	.9	.016
2372	6.0	.105	8.4	.147			-2.7	-.047	-.5	-.009			1.5	.026	8.0	.140	-4	-.007	-2	-.003
2376	7.2	.126	8.2	.143			.2	.003	.2	.003			0.0	0.000	.4	.007	-3.5	-.061	4.6	.080
2377	7.2	.126	10.1	.176			1.6	.028	.5	.009			-5.1	-.089	-16.7	-.291	-4.6	-.080	6.3	.110
2378	6.3	.110	8.0	.140			-4.0	-.070	-.4	-.007			-.8	-.014	.8	.014	-3.4	-.059	4.2	.073
2379	6.6	.115	9.2	.161			0.0	0.000	1.3	.023			.9	.016	6.0	.105	-2.5	-.044	3.1	.054
2380	7.1	.124					2.5	.044					1.4	.024	-.2	-.003	-4.0	-.070	4.3	.075
2381	9.6	.168	10.3	.180			2.8	.049	2.8	.049			0.0	0.000	-2.0	-.035	-1.3	-.023	.2	.003
2383	8.0	.140	8.3	.145	7.9	.130	.4	.007	1.9	.033	.6	.010	1.1	.019	5.1	.089	-1.7	-.030	.9	.016
2384	7.6	.133	8.0	.140			.3	.005	-2.3	-.040			-1.1	-.019	3.4	.059	-3.6	-.063	.1	.002
2385	5.9	.103	9.0	.157			1.2	.021	1.0	.017			2.3	.040	3.2	.056	-3.3	-.050	0.0	0.000
2386	9.3	.162					-.7	-.012					3.0	.052	-.3	-.005	.5	.009	-4.8	-.080
2387	8.0	.140	9.3	.162			-.3	-.005	-.8	-.014			.4	.007	-5.2	-.091	-2.3	-.040	5.6	.098
2388	7.8	.136	8.7	.152			4.3	.075	-1.8	-.031			1.2	.021	-7.1	-.124	-4.2	-.073	3.9	.068
2390	7.4	.129	8.1	.141			.3	.005	4.7	.082			2.5	.044	6.1	.106	-2.5	-.044	5.9	.103
2390	7.6	.133	9.3	.162			.7	.012	1.9	.033			1.3	.023	3.7	.065	-1.2	-.021	0.0	0.000
2391	9.0	.157	9.4	.164			.7	.012	.8	.014			0.0	0.000	-1.6	-.028	-2.6	-.045	4.9	.086
2392	8.0	.140	8.9	.155			-.5	-.009	5.1	.089			2.9	.051	-2.1	-.037	-1.6	-.028	2.6	.045
2393	9.4	.164	8.5	.148	9.3	.162	2.1	.037	-.7	-.012	2.9	.051	0.0	0.000	2.2	.038	-4.8	-.084	5.5	.096
2394	7.5	.131	10.6	.185			.4	.007	-3.3	-.058			0.0	0.000	-1.6	-.028	-5.2	-.091	4.7	.082
2396	9.3	.162	9.4	.164			1.7	.030	.8	.014			0.0	0.000	-2.0	-.035	-1.3	-.023	1.8	.031
2402	8.0	.140	11.2	.195			-2.2	-.030	-3.2	-.056			5.2	.091	-.1	-.002	-3.0	-.068	3.1	.054
2404	7.9	.138	8.6	.150			.9	.016	2.9	.051			.2	.003	-2.5	-.044	-3.7	-.065	7.7	.134
2405	8.5	.148	9.8	.171			1.6	.028	1.1	.019			0.0	0.000	-6.2	-.108	-4.4	-.077	5.5	.096
2406	8.1	.141	8.8	.154			-3.0	-.052	1.9	.033			-.6	-.010	.3	.005	-.9	-.016	-8	-.010
2407	8.2	.143	9.2	.161			-2.2	-.038	3.5	.061			-.8	-.014	5.7	.099	-1.5	-.026	4.5	.079
2408	6.8	.119	9.3	.162			1.0	.017	2.5	.044			1.0	.017	-11.0	-.192	-4.2	-.073	7.4	.129
4038	8.2	.143					-.1	-.002					7.5	.131	-.4	-.007	-4.2	-.073	4.5	.079

LANDING DATA - MODEL E-2C										USS ENTERPRISE (CWN-65)										DAY LANDINGS									
UNDG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	UNDG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC	ARR	GEAR	REAR													
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	DEG	RAD	DEG	RAD	F	C	IN	HG	CM													
FT	M	FT	M				KN	M/S	DEG	RAD	DEG	F	C	IN	HG	CM													
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
135	-14	-4	210	64	1	4	50100	4	2	-5	-009		-4	-007	60	16	30.06	763.5	0	0.0	1								
1978	-9	-3	274	84	3	340	50120	12	6	.2	.003		-2	-003	67	19	30.02	762.5	168	426.7	1								
1980	-9	-3	260	79		336	70120	12	6	-1	-002		1.7	.030	67	19	30.02	762.5	0	0.0	0								
1981	-11	-3	229	70		344	70200	12	6	-3	-005		.6	.010	67	19	30.02	762.5	0	0.0	0								
1983	-7	-2	289	88		343	70100	12	6	-2	-003		.1	.002	67	19	30.02	762.5	0	0.0	0								
1984	-5	-2	284	87	3	337	50120	12	6	-1	-002		0.0	0.000	67	19	30.02	762.5	168	426.7	0								
1985	-5	-2	253	77		336	70200	12	6	0.0	0.000		.2	.003	67	19	30.02	762.5	0	0.0	0								
1986	-7	-2	325	99		344	70200	12	6	-1	-002		1.4	.024	67	19	30.02	762.5	0	0.0	2								
1987	-13	-4	258	79		341	70100	12	6	-1	-002		-1.4	-.024	67	19	30.02	762.5	0	0.0	0								
1988	-9	-3	259	79		336	50100	12	6	-5	-009		-4	-007	67	19	30.02	762.5	169	429.3	0								
1989	-10	-3	294	90	4	344	50100	12	6	.1	.002		0.0	0.000	67	19	30.02	762.5	169	429.3	0								
1990	-19	-6	228	69		342	70120	12	6	-3	-005		-8	-.014	67	19	30.02	762.5	0	0.0	1								
1992	-8	-2	257	78	3	336	50120	14	7	0.0	0.000		-1.3	-.023	70	21	30.02	762.5	169	429.3	1								
1993	-7	-2	313	95		342	70120	14	7	-4	-007		-1.2	-.021	70	21	30.02	762.5	0	0.0	0								
1994	-10	-3	274	84	3	341	50100	14	7	-1	-002		-1	-002	70	21	30.02	762.5	169	429.3	0								
1999	-8	-2	251	77	3	341	50120	14	7	-2	-003		1.4	.024	70	21	30.02	762.5	168	426.7	0								
2000	-8	-2	206	63	2	342	50200	14	7	-3	-005		1.4	.024	70	21	30.02	762.5	168	426.7	0								
2001	-4	-1	234	71	2	344	50100	14	7	-3	-005		.1	.002	70	21	30.02	762.5	169	429.3	0								
2002	-9	-3	245	75	3	336	50100	14	7	-3	-005		.3	.005	70	21	30.02	762.5	167	424.2	0								
2003	-11	-3	278	84	3	341	50200	14	7	-4	-007		1.1	.019	70	21	30.02	762.5	168	426.7	0								
2004	-10	-3	278	85		337	70100	14	7	-1	-002		.3	.005	70	21	30.02	762.5	0	0.0	0								
2005	-18	-5	194	59	2	342	50200	14	7	-3	-005		-5	-.009	70	21	30.02	762.5	167	424.2	1								
2006	-10	-3	276	84		337	70100	14	7	-1	-002		1.4	.024	70	21	30.02	762.5	0	0.0	0								
2007	-10	-3	291	89	4	344	50100	14	7	-1	-002		-5	-.009	70	21	30.02	762.5	167	424.2	0								
2008	-10	-3	221	67	2	337	50200	14	7	-5	-009		1.6	.028	70	21	30.02	762.5	168	426.7	0								
2009	-7	-2	229	70	2	341	50200	14	7	-2	-003		2.5	.044	70	21	30.02	762.5	168	426.7	2								
2011	-13	-4	313	95		344	60200	14	7	-3	-005		.4	.007	70	21	30.02	762.5	0	0.0	0								
2012	-14	-4	219	67	2	342	50100	14	7	0.0	0.000		1.9	.033	70	21	30.02	762.5	167	424.2	0								
2015	-9	-3	243	74	3	341	50100	14	7	-4	-007		1.8	.031	70	21	30.02	762.5	168	426.7	0								
2019	-5	-2	229	70	2	337	50100	14	7	0.0	0.000		-1.8	-.031	70	21	30.02	762.5	168	426.7	2								
2020	-13	-4	240	73	2	337	50200	14	7	-3	-005		.7	.012	70	21	30.02	762.5	167	424.2	0								
2024	-14	-4	200	86	4	342	50100	14	7	-2	-003		-4	-007	70	21	30.02	762.5	166	421.6	0								
2025	-3	-1	294	90		341	70100	14	7	-1	-002		.2	.003	70	21	30.02	762.5	0	0.0	0								
2026	-13	-4	271	83	3	344	50100	14	7	-1	-002		-3	-.005	70	21	30.02	762.5	167	424.2	2								
2027	-10	-3	286	88	4	341	50200	14	7	-3	-005		.1	.002	70	21	30.02	762.5	166	421.6	0								
2029	-10	-3	275	84	4	342	50200	14	7	-1	-002		.1	.002	70	21	30.02	762.5	166	421.6	1								
2030	-15	-5	246	75	2	337	50200	14	7	-5	-009		1.4	.024	70	21	30.02	762.5	166	421.6	0								
2031	-12	-4	243	74	2	344	50200	14	7	-2	-003		.3	.005	70	21	30.02	762.5	169	429.3	0								
2033	-9	-3	318	97		342	60100	14	7	.2	.003		-6	-.010	70	21	30.02	762.5	0	0.0	0								
2034	-10	-3	256	78		342	50200	14	7	-2	-003		.5	.009	70	21	30.02	762.5	168	426.7	0								

LNDC	OFF-CENTER	RAMP TO TD	WIRE SIDE	LNDC	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC	ARR GEAR	REFREAD									
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED			PRESSURE	RUNOUTS	NUMBER									
	FT	M	FT	M			KN	DEG	F	IN HG	MM HG	CM									
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	
2035	-12	-4	263	80	3	344	50100		12	6	.1	.002	-1.1	-.019	73	23	29.99	761.7	170	431.8	0
2036	-12	-4	265	81	3	341	50100		12	6	-.3	-.005	.5	.009	73	23	29.99	761.7	168	426.7	0
2039	-0	-3	267	81	2	337	50120		12	6	-.1	-.002	-.9	-.016	73	23	29.99	761.7	168	426.7	0
2040	-8	-2	280	85	3	341	50200		11	6	-.3	-.005	.5	.009	73	23	29.99	761.7	168	426.7	0
2041	-0	-3	242	74	2	337	50100		10	5	-.3	-.005	.9	.016	73	23	29.99	761.7	169	429.3	0
2042	-11	-3	269	82	3	342	50100		9	5	0.0	0.000	.3	.005	73	23	29.99	761.7	168	426.7	1
2043	-10	-3	235	72	2	337	50120		9	5	-.4	-.007	.5	.009	73	23	29.99	761.7	168	426.7	1
2117	-11	-3	279	85	4	344	50200		12	6	-.3	-.005	-.5	-.009	70	21	29.97	761.2	169	429.3	0
2132	-15	-5	264	80	3	344	50120		12	6	-.2	-.003	-.6	-.010	69	21	29.97	761.2	166	421.6	1
2141	-11	-3	281	86	3	344	50120		12	6	-.3	-.005	-.7	-.012	69	21	29.97	761.2	168	426.7	0
2149	-7	-2	270	82	2	344	50120		12	6	-.3	-.005	-.6	-.010	69	21	29.97	761.2	167	424.2	1
2371	-8	-2	264	80	3	341	50200		22	11	0.0	0.000	.4	.007	71	22	29.95	760.7	168	426.7	0
2372	-17	-5	243	74	3	344	50100		22	11	-.2	-.003	.4	.007	71	22	29.95	760.7	169	429.3	1
2376	-9	-3	277	84	3	336	50120		20	10	0.0	0.000	.5	.009	71	22	29.95	760.7	168	426.7	1
2377	-18	-5	238	73	2	344	50200		20	10	0.0	0.000	.3	.005	71	22	29.95	760.7	169	429.3	1
2378	-18	-5	238	73	3	337	50100		20	10	0.0	0.000	.3	.005	71	22	29.95	760.7	167	424.2	1
2379	-13	-4	241	73	2	342	50120		20	10	-.2	.003	-.1	-.002	71	22	29.95	760.7	168	426.7	0
2380	-12	-4	232	71	2	341	50200		20	10	-.1	-.002	.4	.007	71	22	29.95	760.7	168	426.7	2
2381	-15	-5	269	82	3	343	50200		20	10	.2	.003	.2	.003	71	22	29.95	760.7	170	431.8	1
2383	-9	-3	247	75	2	344	50120		20	10	0.0	0.000	-.3	-.005	71	22	29.95	760.7	167	424.2	1
2384	-9	-3	283	86	3	337	50120		20	10	.1	.002	-.1	-.002	71	22	29.95	760.7	168	426.7	0
2385	-10	-3	221	67	2	342	50200		20	10	0.0	0.000	0.0	0.000	71	22	29.95	760.7	168	426.7	1
2386	-12	-4	196	60	2	343	50120		20	10	-.3	-.005	0.0	0.000	71	22	29.95	760.7	169	429.3	2
2387	-18	-5	217	66	2	341	50120		20	10	.3	.005	.1	.002	71	22	29.95	760.7	169	429.3	1
2388	-12	-4	170	52	2	337	50200		20	10	-.1	-.002	-.2	-.003	71	22	29.95	760.7	169	429.3	0
2389	-18	-5	232	71	2	342	50120		20	10	0.0	0.000	-.1	-.002	71	22	29.95	760.7	168	426.7	1
2390	-8	-2	243	74	2	343	50120		20	10	.5	.009	0.0	0.000	71	22	29.95	760.7	169	429.3	0
2391	-13	-4	188	57	2	344	50200		19	10	-.1	-.002	.1	.002	71	22	29.95	760.7	167	424.2	1
2392	-18	-5	163	50	2	341	50120		19	10	-.4	-.007	.1	0.000	71	22	29.95	760.7	168	426.7	1
2393	-10	-3	257	78	2	336	50200		19	10	-.2	-.003	-.1	-.002	71	22	29.95	760.7	167	424.2	0
2394	-7	-2	271	83	3	342	50120		19	10	.2	.003	.3	.005	71	22	29.95	760.7	168	426.7	1
2396	-13	-4	244	74	2	344	50200		19	10	-.1	-.002	-.1	-.002	71	22	29.95	760.7	168	426.7	1
2402	-14	-4	226	69	2	343	50100		20	10	-.6	-.010	0.0	0.000	71	22	29.95	760.7	168	426.7	0
2404	-14	-4	252	77	3	337	50120		20	10	-.2	-.003	0.0	0.000	71	22	29.95	760.7	167	424.2	0
2405	-8	-2	282	80	3	344	50200		20	10	-.1	-.002	0.0	0.000	71	22	29.95	760.7	167	424.2	1
2406	-17	-5	210	64	2	341	50100		20	10	0.0	0.000	-.2	-.003	71	22	29.95	760.7	168	426.7	0
2407	-14	-4	231	70	2	342	50100		20	10	.1	.002	.1	.002	71	22	29.95	760.7	169	429.3	0
2408	-13	-4	264	80	2	337	50200		20	10	.3	.005	-.1	-.002	71	22	29.95	760.7	169	429.3	1
2409	-16	-5	179	55	2	344	50120		12	6	-.1	-.002	.4	.007	73	23	29.99	761.7	169	429.3	1

**E-2 NIGHT**

## NIGHT LANDINGS

## USS ENTERPRISE (CVA-60)

## LANDING DATA - MODEL E-2C

LNDG	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT		LIFT	LBS		KG			
		NO.	TD	KN	M/S		KN	M/S				KN	M/S		TD	FF				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
0696	106	56	87	45	21	11	2	1								1.25	1.10	43769	19854	
9598	117	60	88	45	29	15	3	2								1.35	1.10	43360	19668	
9599	111	57	82	42	29	15	3	2								1.25	1.10	45660	20711	
0600	107	55	79	41	28	14	2	1								1.23	.90	44560	20212	
9601	109	56	81	42	28	14	2	1								1.23	.90	45860	20802	
0602	112	58	84	43	28	14	2	1								1.29	1.10	43860	19895	
0603	116	61	90	46	28	14	2	1								1.37	1.20	43060	19532	
0604	114	59	87	45	27	14	2	1								1.32	1.00	43760	19850	
0605	106	55	80	41	26	13	2	1								1.22	1.00	44760	20303	
0607	109	56	82	42	27	14	2	1								1.24	.90	45360	20575	
0609	121	62	94	48	27	14	2	1								1.41	.90	43360	19668	
0612	116	60	89	46	27	14	2	1								1.36	1.00	42660	19351	
0613	115	59	89	46	26	13	2	1								1.32	1.00	44360	20122	
0614	111	57	83	43	28	14	2	1								1.29	1.00	43560	19759	
0615	115	59	87	45	28	14	2	1								1.33	1.10	43660	19804	
0617	120	62	91	47	29	15	3	2								1.39	.90	43960	19940	
0619	115	59	86	44	29	15	3	2								1.34	1.00	42960	19487	
0620	104	53	75	39	29	15	3	2								1.21	1.00	43860	19895	
0621	117	60	90	46	27	14	2	1								1.37	1.00	42760	19396	
0623	96	49	68	35	26	14	2	1								1.12	1.00	43560	19759	
0624	118	61	90	46	28	14	2	1								1.39	1.20	42560	19305	
0625	106	55	78	40	28	14	2	1								1.22	1.00	43760	19850	
0626	115	59	87	45	28	14	2	1								1.35	1.00	42360	19214	
0627	111	57	83	43	28	14	2	1								1.30	1.00	42760	19396	
0628	103	53	81	42	22	11	2	1								1.20	.90	43160	19577	
0630	113	58	91	47	22	11	2	1								1.34	1.30	41900	19006	
0631	116	60	95	49	21	11	2	1								1.35	1.00	43360	19668	
0633	105	54	82	42	23	12	2	1								1.24	.90	42400	19233	
0634	101	52	77	40	24	12	2	1								1.18	.80	43160	19577	
0641	104	53	82	42	22	11	2	1								1.21	1.00	43660	19804	
0646	107	55	84	43	23	12	2	1								1.23	.90	43960	19940	
0647	101	52	79	41	22	11	2	1								1.18	1.00	43060	19532	
0648	106	55	84	43	22	11	2	1								1.23	.90	43860	19895	
0650	109	56	91	47	18	9	2	1								1.27	1.20	43660	19804	
0653	108	56	87	45	21	11	2	1								1.26	1.10	43260	19623	
0655	108	56	86	44	22	11	2	1								1.26	1.00	43260	19623	
0662	107	55	85	44	22	11	2	1								1.24	1.00	43660	19804	
0663	109	56	86	44	23	12	2	1								1.28	1.30	42460	19260	
0664	106	55	83	43	23	12	2	1								1.25	1.30	42460	19260	
9665	101	52	78	40	23	12	2	1								1.20	1.00	42060	19078	

## NIGHT LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL E-2C

LANDG	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT	LIFT	FF	LBS	KG				
		NO.	TD	KN	M/S		KN	M/S									KN	M/S	MIN	SP' A
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
9666	105	54	82	42	23	12	2	1					85	44	1.25	.80		41960	19033	
9667	106	56	82	42	26	13	2	1					86	44	1.26	1.20		43660	19532	
9669	99	51	76	39	23	12	2	1					86	44	1.15	1.00		43860	19895	
9672	102	52	84	43	18	9	2	1					86	44	1.19	.90		43360	19668	
9673	106	55	83	43	23	12	2	1					83	43	1.27	1.20		40760	18489	
9676	113	58	90	46	23	12	2	1					86	44	1.31	1.10		43660	19804	
9680	102	52	79	41	23	12	2	1					85	44	1.19	.90		42660	19351	
9681	113	58	90	46	23	12	2	1					85	44	1.32	.90		42660	19351	
9682	106	55	83	43	23	12	2	1					86	44	1.24	.90		43160	19577	
9683	105	54	82	42	23	12	2	1					86	44	1.23	1.00		42860	19441	
9685	109	56	86	44	23	12	2	1					85	44	1.28	.90		41960	19033	
9686	100	51	77	40	23	12	2	1					85	44	1.18	1.10		41960	19033	
9688	107	55	84	43	23	12	2	1					85	44	1.25	1.00		42560	19305	
9689	106	55	83	43	23	12	2	1					85	44	1.24	1.00		42360	19214	
9690	107	55	84	43	23	12	2	1					85	44	1.26	1.00		42160	19124	
9692	109	56	86	44	23	12	2	1					84	43	1.29	1.00		41760	18942	
9693	110	57	87	45	23	12	2	1					86	44	1.27	1.10		43860	19895	
9694	105	54	82	42	23	12	2	1					86	44	1.21	1.00	1.00	43860	19895	
9695	108	56	85	44	23	12	2	1					86	44	1.25	1.00		43660	19804	
9696	104	53	82	42	22	11	2	1					86	44	1.30	1.30		43560	19759	
9699	100	51	78	40	22	11	2	1					89	46	1.12	.90		46660	21165	
9701	106	56	86	44	22	11	2	1					86	44	1.25	1.20		43360	19668	
9702	100	51	78	40	22	11	2	1					86	44	1.16	.90		43460	19713	
9703	114	59	93	48	21	11	2	1					89	46	1.28	1.20		46260	20984	
9706	110	57	89	46	21	11	2	1					85	44	1.29	1.00		42260	19169	
9707	107	55	85	44	22	11	2	1					85	44	1.26	1.20		42660	19351	
9709	107	55	85	44	22	11	2	1					86	44	1.26	.90		42860	19441	
9710	109	56	87	45	22	11	2	1					87	45	1.25	.90		44460	20167	
9712	111	57	89	46	22	11	2	1					86	44	1.30	1.10		43060	19532	
9713	109	56	87	45	22	11	2	1					85	44	1.28	1.10		42260	19169	
9717	109	56	87	45	22	11	2	1					85	44	1.27	1.00		42760	19396	
9718	103	53	81	42	22	11	2	1					84	43	1.22	.90		41660	18897	
9720	112	58	91	47	21	11	2	1					86	44	1.30	1.10		43860	19895	
9721	120	62	90	51	21	11	2	1					85	44	1.41	1.00		42360	19214	
9723	105	54	83	43	22	11	2	1					86	44	1.22	1.10		42960	19487	
9724	104	53	82	42	22	11	2	1					84	43	1.23	1.00		41860	18988	
9726	111	57	89	46	22	11	2	1					86	44	1.29	1.20		43360	19668	
9727	114	59	92	47	22	11	2	1					85	44	1.33	1.00		42660	19351	
9729	105	54	83	43	22	11	2	1					88	45	1.19	.90		45460	20621	
9730	99	51	77	40	22	11	2	1					86	44	1.16	.90		43060	19533	



## LANDING DATA - MODEL E-2C USS ENTERPRISE (CVN-65) NIGHT LANDINGS

LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BW		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
8696	7.7	2.3	7.7	2.3	5.8	1.8	6.3	1.9					2.3	.039				
9598	8.1	2.5	9.2	2.6	6.3	1.9	7.9	2.4					2.7	.047				
9599	4.7	1.4	6.6	2.0	8.6	2.6	8.2	2.5					3.1	.054				
9600	4.4	1.4	7.7	2.4	9.5	2.9	9.4	2.9					3.8	.067				
9601	9.4	2.9	13.1	4.0	8.4	2.6	10.5	3.2					4.0	.070				
9602	8.2	2.5	12.7	3.9	11.2	3.4	11.5	3.5					4.4	.076				
9603	10.1	3.1	11.8	3.6	11.4	3.5	11.6	3.5	11.7	3.6			4.1	.071				
9604	8.8	2.7	9.4	2.9	9.1	2.8	9.5	2.9	9.5	2.9			3.4	.059				
9605	6.7	2.0	7.2	2.2	6.7	2.0	6.9	2.1					2.8	.049				
9607	3.4	1.0	11.6	3.5	10.2	3.1	10.8	3.3					4.2	.073				
9609	8.2	2.5	8.3	2.5	8.3	2.5	7.9	2.4					2.5	.044				
9612	8.4	2.6	8.6	2.6	8.5	2.6	8.5	2.6					2.9	.051				
9613	8.6	2.6	8.3	2.5	8.1	2.5	8.2	2.5	8.0	2.4			2.9	.051				
9614	5.4	1.6	8.7	2.7	5.2	1.6	7.9	2.4					3.0	.053				
9615	2.4	.7	10.3	3.2	9.9	3.0	10.4	3.2					3.7	.064				
9617	8.1	2.5	10.0	3.1	9.3	2.8	9.6	2.9					3.4	.059				
9619	1.0	.3	10.6	3.2	12.7	3.9	12.5	3.8	10.3	3.1			4.7	.083				
9620	8.4	2.6	11.0	3.4	8.8	2.7	10.0	3.0					4.3	.074				
9621	7.4	2.3	8.1	2.5	9.2	2.8	9.2	2.8					3.2	.057				
9623	6.7	2.0	6.2	1.9	7.1	2.2	6.3	1.9					2.8	.050				
9624	.8	.2	8.6	2.6	8.3	2.5	8.8	2.7					3.1	.054				
9625	6.4	1.9	7.0	2.1	5.9	1.8	6.6	2.0					2.7	.046				
9626	7.4	2.3	7.8	2.4	7.6	2.3	7.7	2.3					2.8	.049				
9627	1.3	.4	8.5	2.6	6.5	2.0	7.4	2.3					2.5	.044				
9628	8.1	2.5	9.1	2.8	6.9	2.1	8.4	2.5					3.2	.055				
9630	9.2	2.8	8.9	2.7	7.9	2.4	8.5	2.6	8.8	2.7			2.9	.050				
9631	6.4	2.0	5.2	2.0	3.5	1.1	8.9	2.7					2.9	.050				
9633	8.0	2.4	8.5	2.6	7.6	2.3	7.8	2.4					2.8	.049				
9634	9.2	2.8	10.5	3.2	10.2	3.1	10.4	3.2					4.4	.076				
9641	6.3	1.9	7.3	2.2	8.2	2.5	7.7	2.4					3.1	.054				
9646	10.2	3.1	10.9	3.3	9.9	3.0	10.4	3.2					4.2	.073				
9647	3.5	1.1	4.1	1.2	5.5	1.7	4.8	1.5					1.9	.033				
9648	4.2	1.3	7.1	2.2	9.5	2.9	8.2	2.5					3.2	.056				
9650	5.0	1.5	6.8	2.1	6.9	2.1	7.2	2.2					2.7	.047				
9653	5.8	1.8	10.1	3.1	11.2	3.4	12.4	3.8					4.7	.082				
9655	6.1	1.9	5.8	1.8	4.1	1.2	4.8	1.5					1.8	.031				
9662	4.8	1.5	6.7	2.0	5.0	1.5	5.8	1.8					2.1	.037				
9663	3.4	1.0	2.4	.7	1.1	.3	2.2	.7					.7	.011				
9664	4.0	1.2	4.2	1.3	4.8	1.5	4.5	1.4					1.6	.028				
9665	9.2	2.8	8.5	2.6	6.6	2.0	7.7	2.4					3.0	.053				

## LANDING DATA - MODEL E-2C

USS ENTERPRISE (CVN-65)

NIGHT LANDINGS

LNOG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
9666	7.9	2.4	7.2	2.2	9.2	2.8	8.1	2.5					3.1	.055				
9667	4.6	1.4	7.7	2.4	5.5	1.7	6.6	2.0					2.6	.046				
9668	9.5	2.9	9.4	2.9	9.6	2.9	9.7	2.9					3.9	.068				
9672	4.1	1.2	6.2	1.9	9.8	3.0	6.2	2.5					3.1	.054				
9673	6.2	1.9	8.8	2.7	7.0	2.1	7.9	2.4					3.0	.053				
9676	5.7	1.7	7.5	2.3	9.8	3.0	8.9	2.7					3.1	.055				
9680	3.3	1.0	7.9	2.4	7.3	2.2	8.0	2.4					3.2	.057				
9681	8.2	2.5	10.6	3.2	8.1	2.5	9.4	2.9					3.3	.058				
9682	11.3	3.5	13.0	4.0	12.1	3.7	12.8	3.9					5.1	.089				
9683	8.4	2.6	8.3	2.5	6.2	1.9	7.2	2.2					2.8	.049				
9685	4.9	1.5	10.2	3.1	8.5	2.6	9.6	2.9					3.7	.064				
9686	1.8	.6	12.1	3.7	10.3	3.1	10.9	3.3					4.6	.081				
9688	6.0	1.8	9.2	2.8	10.7	3.3	9.9	3.0					4.0	.070				
9689	6.4	1.9	8.4	2.6	7.5	2.3	8.0	2.4					2.9	.050				
9690	6.8	2.1	9.0	2.7	9.3	2.8	9.2	2.8					3.5	.061				
9692	7.5	2.3	9.3	2.8	7.9	2.4	8.9	2.7					3.6	.063				
9693	6.2	1.9	8.5	2.0	7.2	2.2	8.3	2.5					2.7	.048				
9694	7.5	2.3	8.1	2.5	8.6	2.6	8.4	2.6					3.4	.059				
9695	8.0	2.4	8.3	2.5	10.1	3.1	9.0	2.7	8.5	2.6			3.4	.059				
9698	.9	.3	2.1	.6	9.3	2.8	6.4	2.0					2.6	.045				
9699	2.8	.8	5.7	1.7	6.1	1.9	6.8	2.1					3.1	.055				
9701	3.6	1.1	4.6	1.4	2.2	.7	2.8	.8					1.1	.019				
9702	3.3	1.0	6.9	2.1	8.7	2.6	8.1	2.5					3.5	.061				
9703	5.3	1.6	5.1	1.6	3.7	1.1	5.2	1.6					2.0	.035				
9706	4.2	1.3	7.3	2.2	8.2	2.5	8.1	2.5					3.1	.054				
9707	6.6	2.0	7.1	2.2	8.5	2.6	8.5	2.6					3.4	.059				
9709	6.6	2.0	11.4	3.5	13.8	4.2	12.5	3.8					4.8	.084				
9710	9.5	2.9	11.0	3.4	10.6	3.2	10.8	3.3					4.2	.073				
9712	8.1	2.5	10.0	3.1	12.6	3.8	11.9	3.6					4.5	.079				
9713	6.8	2.0	5.1	1.6	5.6	1.7	5.1	1.5					2.2	.038				
9717	4.9	1.5	4.3	1.3	5.1	1.6	4.7	1.4					1.8	.032				
9718	7.3	2.2	7.0	2.1	4.6	1.4	5.8	1.8					2.5	.044				
9720	1.3	.4	4.6	1.4	6.8	2.1	6.5	2.0					2.8	.049				
9721	3.7	1.1	5.8	1.8	3.9	1.2	5.2	1.6					1.8	.031				
9723	4.9	1.5	9.0	2.8	7.7	2.3	7.9	2.4					3.2	.057				
9724	7.8	2.4	8.7	2.7	9.0	3.0	9.1	2.8					3.9	.067				
9726	6.2	1.9	5.3	1.6	6.4	2.0	5.9	1.8					2.1	.037				
9727	8.7	2.6	10.2	3.1	8.5	2.6	9.4	2.9					3.3	.057				
9729	9.0	2.7	8.9	2.7	9.0	2.7	9.0	2.7					3.7	.064				
9730	13.7	4.2	12.1	3.7	13.8	4.2	12.6	3.8					5.6	.098				

## LANDING DATA - MODEL E-2C

## USS ENTERPRISE (CVN-65)

## NIGHT LANDINGS

LNOG	PITCH ANGLE			ROLL ANGLE			PITCH RATE			ROLL RATE			F. P. A.			YAW						
	TD	OR	DEG	TD	OR	DEG	FF	TD	OR	DEG	FF	TD	OR	DEG	AT TD	DEG	RAD	DEG	RAD	AT TD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61		
8696	6.4	.112					-2.2	-.036					0.0	0.000	8.5	.148	2.7	.047	-.9	-.016		
9598	8.2	.143					2.3	.040					0.0	0.000	9.6	.168	-5.8	-.101	8.5	.148		
9599	9.2	.161					1.0	.017					1.7	.030	-2.5	-.044	-6.2	-.108	7.1	.124		
9600	6.4	.112					12.6	.223					.2	.003	-7	-.012	-1.5	-.026	.6	.010		
9601	5.7	.099					2.1	.037					-1.1	-.019	12.3	.215	-4.1	-.072	1.9	.033		
9602	6.1	.106					4.6	.080					-.8	-.014	1.8	.031	-2.4	-.042	2.1	.037		
9603	9.3	.162					8.4	.147	0.0	0.000	.4	.007	0.0	0.000	1.1	.019	-5.5	-.096	10.4	.181		
9604	7.2	.126					7.3	.127	.1	.002	-.1	-.002	1.9	.033	2.3	.040	-3.2	-.056	5.7	.099		
9605	8.4	.147					-1	-.002					2.4	.042	1.5	.026	-5.5	-.096	6.2	.108		
9607	6.7	.117					4.7	.082					-5.2	-.091	3.4	.059	-2.9	-.051	-1.5	-.026		
9609	6.2	.108					2.0	.035					1.2	.021	-2.7	-.047	-4.2	-.073	5.3	.092		
9612	7.1	.124					1.5	.026					-.5	-.009	.1	.002	-2.7	-.047	3.5	.061		
9613	8.1	.141					8.2	.143	.1	.002	.6	.010	0.0	0.000	.3	.005	-4.9	-.086	5.8	.101		
9614	7.7	.134					-3.1	-.054					0.0	0.000	4.7	.082	-6.3	-.110	3.0	.052		
9615	8.5	.148					1.4	.024					-3.7	-.065	3.2	.056	-4.6	-.080	7.4	.129		
9617	7.9	.138					-4	-.007					0.0	0.000	2.2	.038	-2.8	-.049	7.0	.122		
9619	8.3	.145					1.5	.026					-3.3	-.058	-8	-.014	-4.2	-.073	4.2	.073		
9620	8.6	.150					8.4	.147	-1.3	-.023	-.8	-.014	0.0	0.000	6.4	.112	-4.8	-.084	5.1	.089		
9621	7.9	.138					-4.0	-.070					0.0	0.000	-6.3	-.110	-4.6	-.080	2.4	.042		
9623	6.5	.113					4.1	.072					1.5	.026	-4.8	-.084	-3.9	-.068	5.1	.089		
9624	8.8	.154					1.4	.024					-.8	-.014	2.8	.049	-1.8	-.031	4.2	.073		
9625	8.5	.148					1.5	.026					0.0	0.000	4.0	.070	-4.3	-.075	5.3	.092		
9626	8.5	.148					-9	-.016					0.0	0.000	.8	.014	-3.0	-.052	1.9	.033		
9627	6.7	.117					-2.3	-.040					-3.5	-.061	6.3	.110	.1	.002	.6	.010		
9628	5.4	.094					-3.3	-.058					0.0	0.000	4.6	.080	-2.9	-.051	5.5	.096		
9630	9.4	.164					9.5	.166	2.1	.037	2.4	.042	0.0	0.000	4.0	.070	-3.5	-.061	5.7	.099		
9631	7.6	.133					3.2	.056					.1	.002	2.0	.035	-5.9	-.103	7.0	.122		
9633	7.2	.126					2.4	.042					0.0	0.000	1.1	.019	-4.1	-.072	6.9	.120		
9634	7.5	.131					.9	.016					.2	.003	1.5	.026	-5.5	-.096	7.4	.129		
9641	8.8	.154					-1	-.002					0.0	0.000	-2.6	-.045	-3.9	-.068	4.3	.075		
9646	6.9	.120					1.4	.024					0.0	0.000	3.2	.056	-4.7	-.082	3.5	.061		
9647	8.3	.145					4.7	.082					2.7	.047	-4.0	-.070	-4.5	-.079	7.8	.136		
9648	6.5	.113					2.0	.035					-3.4	-.059	-7.3	-.127	-5.4	-.094	8.5	.148		
9650	7.3	.127					7.9	.138					0.0	0.000	1.9	.033	-2.6	-.045	4.8	.084		
9653	8.3	.145					4.3	.075					-4.1	-.072	6.8	.119	-4.2	-.073	6.2	.108		
9655	7.8	.136					2.7	.047					0.0	0.000	4.3	.075	-2.9	-.051	0.0	0.000		
9662	7.1	.124					-1.2	-.021					1.2	.021	5.0	.087	-3.0	-.052	4.3	.075		
9663	7.9	.136					1.0	.017					0.0	0.000	6.1	.106	1.0	.017	1.6	.028		
9664	8.7	.152					-2	-.003					5.8	.101	-1.6	-.028	-4.1	-.072	7.9	.138		
9665	6.6	.115					-1.6	-.028					0.0	0.000	4.4	.077	-2.9	-.051	7.9	.138		

## NIGHT LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA -- MODEL E-2C

UNCG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	TD		FF		OR		TD		FF		OR		TD		FF		TD		FF		TD		FF	
	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
9666	7.6	.133					.8	.014					0.0	0.000	-6.2	-.108	-2.7	-.047	1.0	.017				
9667	7.2	.126					.1	.002					2.3	.040	6.7	.117	-4.4	-.077	3.2	.056				
9669	7.8	.136					-1	-.002					3.6	.063	-1.3	-.023	-4.1	-.072	2.6	.045				
9672	6.8	.119					-4.4	-.077					-5	-.009	-11.9	-.208	-6.3	-.110	5.5	.096				
9673	9.8	.171					-4	-.007					0.0	0.000	5.2	.091	-4.6	-.080	5.1	.089				
9676	6.8	.119					1.0	.017					-2.2	-.038	-5.0	-.087	-4.7	-.082	5.2	.091				
9680	8.4	.147					-3.6	-.063					-2	-.003	-6	-.010	-1.6	-.028	.3	.005				
9681	6.6	.115					.3	.005					0.0	0.000	6.9	.120	-2.8	-.049	2.2	.038				
9682	7.3	.127					-2.7	-.047					-4.2	-.073	1.0	.017	-2.4	-.042	3.0	.052				
9683	8.1	.141					0.0	0.000					0.0	0.000	6.1	.106	-5.0	-.087	6.8	.119				
9685	6.3	.110					.5	.009					-3	-.005	6.1	.106	-3.7	-.065	3.5	.061				
9686	10.0	.175					3.0	.052					-1.9	-.033	3.8	.066	-4.2	-.073	-4	-.007				
9688	6.8	.119					6.7	.117					-9	-.016	-4.6	-.080	-4.1	-.072	.1	.002				
9689	9.3	.162					-8	-.014					0.0	0.000	2.6	.045	-2.7	-.047	3.8	.066				
9690	6.9	.120					-1.0	-.017					2.0	.035	-1.0	-.017	-6.2	-.108	8.2	.143				
9692	9.5	.166					1.2	.021					0.0	0.000	2.4	.042	-5.3	-.092	8.9	.155				
9693	7.0	.122					1.4	.024					2.1	.037	6.0	.105	-1.3	-.023	2.2	.038				
9694	9.7	.169					-2	-.003				.2	0.0	0.000	-1.8	-.031	-3.5	-.061	2.1	.037				
9695	7.2	.126					-2.5	-.044					0.0	0.000	-4.3	-.075	-5.9	-.103	8.1	.141				
9698	10.0	.175					10.1	.176					1.6	.028	-16.9	-.295	2.5	.044	-1.2	-.021				
9699	7.0	.122					5.2	.091					1.5	.026	4.3	.075	-8.1	-.141	5.4	.094				
9701	8.9	.155					6.7	.117					0.0	0.000	3.2	.056	-5.0	-.087	7.7	.134				
9702	8.1	.141					2.5	.044					-2.4	-.042	-3.2	-.056	-1.6	-.028	2.7	.047				
9703	7.4	.129					3.8	.066					6.0	.105	8.9	.155	-5.8	-.101	5.3	.092				
9706	8.2	.143					1.5	.026					0.0	0.000	-4	-.007	-4.0	-.070	5.1	.089				
9707	8.9	.155					3.7	.065					.8	.014	0.0	0.000	3.0	.052	-5.8	-.101				
9709	7.5	.131					2.7	.047					-7	-.012	-7.7	-.134	-4.4	-.077	4.3	.075				
9710	7.2	.126					-2.0	-.035					-2.7	-.047	1.3	.023	-5.0	-.087	4.6	.080				
9712	6.0	.105					7.1	.124					2.7	.047	-4.1	-.072	-6.3	-.110	7.2	.126				
9713	6.9	.120					-4	-.007					0.0	0.000	.2	.003	-3.8	-.066	5.5	.096				
9717	8.3	.145					.9	.016					0.0	0.000	-2.8	-.049	-5.5	-.096	5.1	.089				
9718	5.6	.098					-1	-.002					4.9	.086	7.2	.126	-2	-.003	4.9	.086				
9720	7.0	.122					2.8	.049					.4	.007	-1.6	-.028	-2.7	-.047	-1	-.002				
9721	7.5	.131					1.2	.021					1.9	.033	7.7	.134	2.0	.035	-3.0	-.052				
9723	7.3	.127					-3.9	-.068					.5	.009	6.5	.113	-1.9	-.033	6.5	.113				
9724	5.6	.098					3.2	.056					0.0	0.000	-4.7	-.082	-9	-.016	-4.6	-.080				
9726	7.2	.126					.1	.002					3.2	.056	-3.3	-.058	-3.5	-.061	6.2	.108				
9727	6.2	.108					-2	-.003					0.0	0.000	5.0	.087	-3.1	-.054	4.6	.080				
9729	5.4	.094					-1.6	-.028					-2	-.003	-4	-.007	-4.1	-.072	4.1	.072				
9730	5.2	.091					-1.4	-.024					3.0	.052	-2.6	-.045	2.7	.047	-4.3	-.075				

**RUSS ENTERPRISE (CVN-65)**

## LANDING DATA - MODEL E-2C

LNDG	NO.	OFF-CENTER		RAMP	TO TD	WIRE	SIDE	LNDG	FLAP	SHIP	DECK			PITCH	DECK ROLL			TEMP	BAROMETRIC			ARR	GEAR	REREAD
		FT	M								DEG	DEG	RAD		DEG	RAD	IN		HG	MM	HG			
NO.		FT	M	FT	M	67	68	69	70	71	72	73	DEG	RAD	74	75	76	F	77	78	79	80	81	82
0896		-16	-5	292	89		343	70160		22	11	-2	-0.03	.8	.014	.8	.014	65	18	29.94	760.5	0	0.0	0
09398		-12	-4	273	83	3	347	59200		13	7	-4	-0.07	.8	.014	.8	.014	69	21	29.93	760.2	168	426.7	1
09599		-16	-5	233	71	3	337	59200		14	7	-3	-0.05	-4	-0.007	.69	.014	69	21	29.93	760.2	167	424.2	0
09600		-6	-2	165	56	3	343	59200		14	7	-2	-0.03	.1	.002	.69	.014	69	21	29.93	760.2	168	426.7	0
09601		-12	-4	268	86	4	336	59200		13	7	-4	-0.07	.6	.010	.69	.014	69	21	29.93	760.2	167	424.2	0
09602		-11	-3	167	51	3	344	59200		13	7	-3	-0.05	.6	.010	.69	.014	69	21	29.93	760.2	170	431.8	1
09603		-14	-4	306	93	3	342	59120		13	7	-3	-0.05	-6	-0.010	.69	.014	69	21	29.93	760.2	169	429.3	0
09604		-12	-4	291	89	3	341	59200		13	7	-3	-0.05	-7	-0.012	.69	.014	69	21	29.93	760.2	169	429.3	0
09605		-11	-3	226	69	3	337	59120		13	7	-1	-0.02	-5	-0.009	.69	.014	69	21	29.93	760.2	168	426.7	1
09607		-6	-2	279	85	3	336	59200		13	7	-3	-0.05	-1	-0.002	.69	.014	69	21	29.93	760.2	168	426.7	0
09609		-13	-4	228	69	3	341	59200		13	7	-3	-0.05	-2	-0.003	.69	.014	69	21	29.93	760.2	168	426.7	1
09612		-7	-2	277	84	3	341	59200		13	7	-2	-0.03	-3	-0.005	.69	.014	69	21	29.93	760.2	168	426.7	0
09613		-12	-4	346	104	3	336	59120		13	7	-2	-0.03	-9	-0.016	.69	.014	69	21	29.93	760.2	165	419.1	0
09614		-7	-2	222	68	3	337	59200		13	7	-2	-0.03	-2	-0.003	.69	.014	69	21	29.93	760.2	167	424.2	1
09615		-15	-5	272	83	3	342	59200		13	7	-4	-0.07	-2.7	-0.047	.69	.014	69	21	29.93	760.2	169	429.3	0
09617		-16	-5	315	96	4	336	59120		13	7	-2	-0.03	-8	-0.014	.69	.014	69	21	29.93	760.2	165	419.1	0
09619		-11	-3	265	81	3	342	59200		13	7	-2	-0.03	0.0	0.000	.69	.014	69	21	29.93	760.2	168	426.7	1
09620		-15	-5	296	90	3	344	59160		13	7	-2	-0.03	-4	-0.007	.69	.014	69	21	29.93	760.2	169	429.3	0
09621		-12	-4	303	92	4	337	59160		13	7	-2	-0.03	-2	-0.003	.69	.014	69	21	29.93	760.2	167	424.2	1
09623		-12	-4	261	61	3	343	59200		13	7	-3	-0.05	-5	-0.009	.69	.014	69	21	29.93	760.2	167	424.2	1
09625		-8	-3	235	72	3	342	59200		13	7	-2	-0.03	-1.2	-0.021	.69	.014	69	21	29.93	760.2	169	429.3	0
09626		-12	-4	323	98	4	337	59120		13	7	-2	-0.03	-8	-0.014	.69	.014	69	21	29.93	760.2	167	424.2	0
09627		-13	-4	267	81	3	336	59160		13	7	-5	-0.009	-2.4	-0.042	.69	.014	69	21	29.93	760.2	165	419.1	1
09628		-15	-5	304	93	4	343	59160		13	7	-3	-0.05	-6	-0.010	.69	.014	69	21	29.93	760.2	168	426.7	0
09630		-13	-4	294	90	3	342	59200		13	7	-3	-0.05	-9	-0.016	.69	.014	69	21	29.93	760.2	168	426.7	0
09631		-12	-4	249	76	3	344	59160		13	7	-3	-0.05	-1.8	-0.031	.69	.014	69	21	29.93	760.2	168	426.7	1
09633		-15	-5	306	93	4	343	59200		9	5	-4	-0.007	-1.4	-0.024	.69	.014	69	21	29.93	760.2	165	419.1	0
09634		-13	-4	230	70	3	341	59200		9	5	-2	-0.03	-2.4	-0.042	.69	.014	69	21	29.93	760.2	168	426.7	1
09641		-15	-5	292	80		344	70120		10	5	-1	-0.02	-6	-0.010	.65	.014	65	18	29.97	761.2	0	0.0	0
09646		-6	-2	313	95		341	70200		11	6	0.0	0.000	.4	.007	.65	.014	65	18	29.97	761.2	0	0.0	0
09647		-16	-5	244	74	3	344	59200		11	6	-2	-0.03	.2	.003	.65	.014	65	18	29.97	761.2	169	429.3	0
09648		-15	-5	278	85	3	341	59200		11	6	-1	-0.02	.6	.010	.65	.014	65	18	29.97	761.2	167	424.2	0
09650		-6	-2	301	92		342	70200		9	5	0.0	0.000	.9	.016	.65	.014	65	18	29.97	761.2	0	0.0	0
09653		-15	-5	242	74	2	342	59200		11	6	-1	-0.02	1.2	.021	.65	.014	65	18	29.97	761.2	169	429.3	0
09655		0	0	331	101	4	341	59200		12	6	-1	-0.02	.9	.016	.65	.014	65	18	29.97	761.2	169	429.3	0
09662		-14	-4	290	80	3	344	59160		15	8	-2	-0.03	.2	.003	.65	.014	65	18	29.97	761.2	169	429.3	0
09663		-14	-4	333	101	4	342	59200		15	8	-2	-0.03	0.0	0.000	.65	.014	65	18	29.97	761.2	167	424.2	0
09664		-20	-6	249	76	2	602	59120		15	8	-2	-0.03	.5	.009	.65	.014	65	18	29.97	761.2	169	429.3	1
09665		-15	-5	310	94	4	341	59160		15	8	-3	-0.05	.9	.016	.65	.014	65	18	29.97	761.2	166	421.6	0

## NIGHT LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL E-2C

LNCG	OFF-CENTER	RAMP TO TD	WIRE SIDE	LNCG	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC	ARR GEAR	REREAD										
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	KN	M/S	DEG	RAD	DEG	RAD	F	C	IN	HG	MM	HG	IN	CM	RUNOUTS	NUMBER
FT	M	FT	M	FT	M	FT	70	71	72	73	74	75	76	77	78	79	80	81	82			
82	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82		
9666	-4	-1	329	100		344	50200	15	8	-2	-003	.1	.002	65	18	29.97	761.2	0	0.0	0		
9667	-6	-2	294	90	3	344	50120	15	8	-1	-002	1.6	.028	68	19	29.97	761.2	168	426.7	0		
9669	-9	-3	344	93	4	602	50100	12	6	-4	-007	-6	-.010	65	18	29.97	761.2	169	429.3	0		
9672	-18	-5	236	72	2	341	50100	11	6	-2	-003	.4	.007	65	18	29.97	761.2	169	429.3	1		
9673	-8	-2	331	101	4	344	50120	11	6	-2	-003	.9	.016	65	18	29.97	761.2	165	419.1	0		
9676	-14	-4	289	85	3	342	50200	13	7	-2	-003	1.1	.019	65	18	29.97	761.2	169	429.3	0		
9680	-21	-6	264	80	3	602	50200	13	7	-2	-003	.6	.010	65	18	29.97	761.2	169	429.3	1		
9681	-13	-4	327	100		341	50100	13	7	-2	-003	.2	.003	65	18	29.97	761.2	0	0.0	0		
9682	-19	-6	250	78	3	342	50100	13	7	-1	-002	1.2	.021	65	18	29.97	761.2	168	426.7	1		
9683	-11	-3	303	92	4	344	50120	13	7	-2	-003	1.4	.024	65	18	29.97	761.2	168	426.7	0		
9685	-16	-5	249	78	3	341	50200	13	7	-1	-002	.4	.007	65	18	29.97	761.2	169	429.3	0		
9686	-7	-2	271	83	3	602	50200	13	7	-2	-003	.3	.005	65	18	29.97	761.2	170	431.8	0		
9688	-13	-4	232	71	2	342	50200	13	7	0	0.000	.8	.014	65	18	29.97	761.2	168	426.7	0		
9689	-12	-4	260	85	3	344	50120	13	7	-4	-007	-1.1	-.019	65	18	29.97	761.2	168	426.7	0		
9690	-16	-5	274	84	3	342	50120	13	7	-2	-003	.7	.012	65	18	29.97	761.2	167	424.2	0		
9692	-11	-3	336	102	4	344	50100	13	7	-1	-002	1.6	.028	65	18	29.97	761.2	165	419.1	0		
9693	-16	-5	264	80	3	341	50200	13	7	-5	-009	1.2	.021	65	18	29.97	761.2	170	431.8	0		
9694	-7	-2	295	90	3	602	50100	13	7	-1	-002	-9	-.016	65	18	29.97	761.2	170	431.8	0		
9695	-18	-5	291	89	4	603	50100	13	7	-2	-003	.8	.014	65	18	29.97	761.2	166	421.6	1		
9698	-12	-4	152	46		344	70200	23	12	-1	-002	.1	.002	65	18	29.94	760.5	0	0.0	0		
9699	-9	-3	240	73		337	70200	23	12	.2	.003	1.6	.028	65	18	29.94	760.5	0	0.0	0		
9701	-13	-4	251	77	3	344	50200	23	12	0	0.000	.1	.002	65	18	29.94	760.5	168	426.7	0		
9702	-12	-4	250	79	3	343	50200	23	12	0	0.000	-4	-.007	65	18	29.94	760.5	169	429.3	0		
9703	-9	-3	281	86	3	337	50200	22	11	.1	.002	.5	.009	65	18	29.94	760.5	167	424.2	0		
9706	-14	-4	265	81	3	344	50200	22	11	0	0.000	-1	-.002	65	18	29.94	760.5	167	424.2	0		
9707	-14	-4	224	68	2	341	50200	24	12	0	0.000	0	0.000	65	18	29.94	760.5	169	429.3	0		
9709	-9	-3	271	83	3	343	50200	24	12	-1	-002	1.1	.019	65	18	29.94	760.5	166	421.6	0		
9710	-13	-4	232	71	3	337	50120	23	12	0	0.000	-2	-.003	65	18	29.94	760.5	167	424.2	0		
9712	-14	-4	198	57	2	342	50200	24	12	0	0.000	-1.5	-.026	65	18	29.94	760.5	169	429.3	0		
9713	-16	-5	287	87	3	341	50100	24	12	.2	.003	-2	-.003	65	18	29.94	760.5	169	429.3	0		
9717	-8	-2	296	90	3	345	50200	24	12	0	0.000	1.1	.019	65	18	29.94	760.5	168	426.7	0		
9718	-17	-5	218	66	2	343	50120	24	12	.1	.002	.6	.010	65	18	29.94	760.5	165	419.1	2		
9720	3	1	265	81		344	70200	24	12	.4	.007	1.1	.019	65	18	29.94	760.5	0	0.0	0		
9721	-8	-2	200	61	2	345	50200	24	12	0	0.000	-5	-.009	65	18	29.94	760.5	168	426.7	0		
9723	-17	-5	241	73	2	342	50100	24	12	0	0.000	-1	-.002	65	18	29.94	760.5	168	426.7	2		
9724	-11	-3	193	59	2	341	50200	24	12	.1	.002	1.5	.026	65	18	29.94	760.5	168	426.7	0		
9726	-13	-4	305	93	4	344	50120	24	12	-1	-002	-4	-.007	65	18	29.94	760.5	167	424.2	0		
9727	-10	-3	315	96	4	342	50120	24	12	-2	-003	0	0.000	65	18	29.94	760.5	166	421.6	0		
9729	-8	-2	282	86	4	343	50100	24	12	0	0.000	.6	.010	65	18	29.94	760.5	166	421.6	0		
9730	-8	-2	247	75	3	341	50100	24	12	.1	.002	.3	.005	65	18	29.94	760.5	168	426.7	0		

**S-3 DAY**

LANDING DATA -- MODEL S-3										USS ENTERPRISE (CVN)					DAY LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
LNOG	VPAF	VE-FILM		WIND-VEL				VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT	LIFT	WEIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		KN	M/S	KN	M/S	KN	M/S		KN	M/S							KN	M/S	MIN	SP' A	TD	FF	LBS	KG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
NO.	TD	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S



LANDING DATA - MODEL S-3										USS ENTERPRISE (CV 55)					DAY LANDINGS					
LNOG	VPAF	VE-FILM	WIND-VEL		VEOR		VPAMIN		VSP'A	KVPA	KV	LIFT	LIFT	WEIGHT						
NO.	TD	PAR.	PERP.	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KG						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
432	110	61	94	48	24	12	9	5	88	41	104	53			1.14		1.00		35700	16194
435	124	64	96	50	26	13	10	5	97	50	103	53			1.20		.00		35400	16057
438	120	62	94	48	26	13	10	5	92	47	103	53			1.17		1.00		35300	16012
441	117	60	91	47	26	13	10	5	96	49	104	53			1.13		1.10		35700	16194
442	128	66	102	52	28	13	10	5	113	58	103	53			1.24		.00		35400	16057
446	119	61	93	48	26	13	10	5	87	45	103	53			1.16		1.00	1.00	35100	15921
448	110	57	84	43	26	13	10	5	78	40					1.10		1.10			
449	114	58	86	45	26	13	10	5	87	45	102	52			1.12		1.10		34900	15831
450	112	58	86	44	26	13	10	5	77	40	102	52			1.10		1.00		34800	15785
451	115	58	89	46	26	13	10	5	77	40	103	53			1.12		1.00		35200	15987
452	122	63	96	48	26	13	10	5	95	49	105	54			1.17		1.00		36400	16511
453	121	62	95	49	26	13	10	5	85	44	102	52			1.19		1.00		34600	15695
456	120	62	92	47	26	14	5	3	87	45	101	52			1.19		1.00	1.00	34300	15558
458	128	66	100	51	28	14	5	3	93	48	105	54			1.23		.00		36400	16511
460	114	58	86	44	26	14	5	3	101	52					1.13		1.00		34300	15558
464	115	58	87	45	26	14	5	3	78	40	101	52			1.14		1.00		34100	15468
465	132	68	104	53	28	14	5	3	103	53	104	53			1.27		1.20		36100	16375
466	120	62	92	47	26	14	5	3	93	48	102	52			1.18		1.10		34500	15649
467	122	63	94	48	26	14	5	3	93	48	103	53			1.18		1.00		35500	16183
468	123	63	95	48	26	14	5	3	98	50	103	53			1.19		1.00	1.00	35300	16012
651	120	62	88	45	32	16	6	3	85	44	108	56			1.11		1.00		38500	17464
652	113	58	81	42	32	16	6	3	88	45	102	52			1.11		.00		34500	15849
653	119	61	87	45	32	16	6	3	89	46	102	52			1.17		1.00		34500	15649
880	127	65	94	48	33	17	3	2	87	45	104	53			1.21		1.10		36300	16488
881	119	61	86	44	33	17	3	2	82	42	104	53			1.14		1.00		36100	16375
882	126	65	93	48	33	17	3	2	83	43	104	53			1.21		1.00	1.00	36200	16420
883	126	65	93	48	33	17	3	2	84	43	107	55			1.18		1.00		38100	17282
884	124	64	91	47	33	17	3	2	95	49	105	54			1.17		1.00		37000	16783
885	120	66	95	49	34	17	6	3	89	46	104	53			1.24		1.10		36000	16330
886	120	62	86	44	34	17	6	3	87	45	104	53			1.16		1.10		35900	16284
888	123	63	88	45	35	18	6	3	76	39	104	53			1.18		1.00		36200	16420
890	124	64	88	45	36	19	6	3	89	46	106	55			1.17		1.20		37600	17655
891	131	67	95	49	36	19	6	3	86	44	103	53			1.27		1.10		35600	16148
892	124	64	88	45	36	19	6	3	86	44	105	54			1.18		1.10		36900	16738
895	127	65	91	47	36	19	6	3	82	42	105	54			1.21		1.20		36500	16556
896	126	65	90	46	36	19	6	3	79	41	105	54			1.20		1.10		36600	16602
897	127	65	91	47	36	19	6	3	91	47	105	54			1.21		1.20		36500	16556
898	127	65	91	47	36	19	6	3	79	41	105	54			1.21		.00		36600	16602
899	128	66	92	47	36	19	6	3	81	42	105	54			1.22		1.00		36600	16602
900	123	63	86	44	37	19	3	2	77	40	105	54			1.18		1.00	1.10	36400	16511

LANDING DATA -- MODEL S-3										USS ENTERPRISE (CVN-6),										DAY LANDINGS			
LOG NO.	VPAF TD	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT TD	LIFT FF	WEIGHT									
		KN	M/S	KN	M/S		KN	M/S						KN	M/S	LBS	KG						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
901	120	66	91	47	37	19	3	2	85	44	105	54			1.22		.90		36500	16556			
902	123	63	86	44	37	19	3	2	82	42	105	54			1.17		1.00		36600	16602			
903	126	65	89	46	37	19	3	2	85	44	104	53			1.21		1.00		36300	16466			
904	132	68	95	48	37	19	3	2	99	51	103	53			1.28		.90		35400	16057			
905	124	64	87	45	37	19	3	2	81	42	103	53			1.20		1.10	1.10	35300	16012			
907	120	66	95	49	34	17	3	2	93	48	103	53			1.26		1.20		35300	16012			
908	126	65	92	47	34	17	3	2	89	46	103	53			1.23		1.00		35000	15876			
909	124	64	90	46	34	17	3	2	85	44	104	53			1.19		1.00		35900	16284			
910	122	63	88	45	34	17	3	2	85	44	104	53			1.18		1.10		35900	16284			
911	126	65	92	47	34	17	3	2	91	47	104	53			1.21		1.10		36000	16330			
912	123	63	89	46	34	17	3	2	78	40	103	53			1.18		1.00		35600	16148			
913	126	65	92	47	34	17	3	2	87	45	105	54			1.20		1.00		36400	16511			
915	123	63	89	46	34	17	3	2	93	48	103	53			1.19		1.00		35400	16057			
917	123	63	89	46	34	17	3	2	91	47	103	53			1.20		1.00		35500	16103			
918	129	66	95	49	34	17	3	2	88	45	103	53			1.25		.90		35500	16103			
919	116	60	82	42	34	17	3	2	91	47	103	53			1.13		1.20		35300	16012			
920	124	64	90	46	34	17	3	2	85	44	104	53			1.19		1.10	1.00	36200	16420			
921	129	66	96	49	33	17	6	3	98	50	102	52			1.27		1.00		34400	15604			
922	122	63	89	46	33	17	6	3	89	46	103	53			1.19		1.00		35500	16103			
923	115	59	82	42	33	17	6	3	80	41	103	53			1.12		1.10		35000	15876			
924	130	67	97	50	33	17	6	3	95	49	103	53			1.26		1.10		35300	16012			
926	119	61	86	44	33	17	6	3	83	43	103	53			1.16		1.10		35000	15876			
927	129	66	96	49	33	17	6	3	96	49	102	52			1.26		1.00		34500	15649			
928	115	59	82	42	33	17	6	3	86	44	103	53			1.12		1.00		35000	15876			
929	123	63	90	46	33	17	6	3	85	44	101	52			1.22		1.10	1.10	33700	15286			
932	118	61	107	55	11	6	1	1	113	58	108	56			1.09		1.20	1.10	38000	17600			
1121	126	65	101	52	25	13	4	2	95	49	109	56			1.16		1.10		39400	17872			
1123	123	63	98	50	25	13	4	2	90	48	108	56			1.14		.90		39000	17690			
1124	124	64	99	51	25	13	4	2	106	55	109	56			1.14		1.00		39500	17917			
1126	119	61	96	49	23	12	2	1	104	53	109	56			1.09		1.00		39500	17917			
1127	122	63	99	51	23	12	2	1	91	47	110	57			1.11		1.00		40000	18144			
1132	125	64	98	50	27	14	2	1	92	47	108	56			1.16		.90		38700	17554			
1134	124	64	97	50	27	14	2	1	100	56	109	56			1.14		1.00		39500	17917			
1138	124	64	100	51	24	12	2	1	90	48	108	56			1.15		1.00		39000	17690			
1140	116	60	92	47	24	12	2	1	83	43	108	56			1.08		1.00		38600	17509			
1151	121	62	94	48	27	14	2	1	89	48	109	56			1.12		1.00		39300	17826			
1153	125	64	98	50	27	14	2	1	100	51	107	55			1.17		1.10		37900	17191			
1156	120	62	93	48	27	14	2	1	96	49	105	54			1.15		1.00		36800	16692			
1158	117	60	90	46	27	14	2	1	72	37	106	55			1.11		1.10		37400	16965			
1159	118	61	91	47	27	14	2	1	85	44	107	55			1.11		1.00		38200	17328			

## DAY LANDINGS

## USS ENTERPRISE (CVN-6..)

## LANDING DATA - MODEL S-3

LDAG	NO.	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT	LIFT	FF	LBS	KG				
			TD	TD	KN	M/S		KN	M/S									KN	M/S	KN	M/S
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1100	122	63	95	49	27	14	2	1	94	48	107	55				1.14		1.00		38100	17282
1101	127	65	90	51	28	14	2	1	101	52	107	55				1.19		1.10		37800	17146
1102	128	66	100	51	28	14	2	1	96	49	104	53				1.23		1.10		36300	16466
1104	124	64	96	49	28	14	2	1	89	41	101	52				1.23		.90		34100	15468
1105	117	60	88	45	28	15	1	1	95	49	107	55				1.10		1.30		37000	17101
1106	125	64	96	49	29	15	1	1	85	44	107	55				1.17		1.10		38100	17282
1107	124	64	95	49	29	15	1	1	88	45	104	53				1.18		1.10		36300	16466
1108	123	63	94	48	29	15	1	1	89	46	106	55				1.15		.90		37600	17055
1346	117	60	94	48	23	12	2	1	99	51	107	55				1.09		1.00		38000	17237
1347	122	63	99	51	23	12	2	1	96	49	107	55				1.14		1.20		38200	17328
1348	116	61	95	49	23	12	2	1	89	46	106	55				1.11		1.00		37500	17010
1349	117	60	96	49	21	11	2	1	94	48	107	55				1.09		.90	.90	38400	17418
1350	118	61	97	50	21	11	2	1	100	51	110	57				1.08		1.10		40100	18189
1351	114	59	93	48	21	11	2	1	91	47	106	55				1.07		1.10		37600	17055
1352	124	64	103	53	21	11	2	1	101	52	110	57				1.13		1.00		40200	18235
1353	121	62	100	51	21	11	2	1	103	53	107	55				1.13		1.30		37900	17191
1354	120	62	98	51	21	11	2	1	100	51	107	55				1.12		1.10		38200	17328
1355	131	67	107	55	24	12	2	1	106	55	109	56				1.19		.90		39900	18099
1356	119	61	95	49	24	12	2	1	83	43	106	55				1.12		1.00		37300	16919
1357	120	66	105	54	24	12	2	1	93	48	110	57				1.17		.90		40000	18144
1358	123	63	99	51	24	12	2	1	89	46	105	54				1.17		1.10		37600	16783
1359	125	64	101	52	24	12	2	1	115	59	107	55				1.16		1.00		37800	17146
1360	119	61	95	49	24	12	2	1	90	46	107	55				1.11		1.10		37900	17191
1361	128	66	104	53	24	12	2	1	101	52	109	56				1.18		1.00		39600	17963
1362	111	57	87	45	24	12	2	1	84	43	106	55				1.05		1.00		37200	16874
1363	128	66	104	53	24	12	2	1	92	47	109	56				1.18		1.00		39500	17917
1364	128	66	104	53	24	12	2	1	95	49	106	55				1.21		1.10		37500	17010
1365	120	62	96	49	24	12	2	1	93	48	109	56				1.13		1.00		37700	17101
1366	126	65	102	52	24	12	2	1	93	48	109	56				1.16		1.20		39400	17872
1367	123	63	99	51	24	12	2	1	98	50	107	55				1.15		1.10		38000	17237
1368	120	62	96	49	24	12	2	1	92	47	105	54				1.14		1.10	1.10	36700	16647
1376	120	62	96	49	24	12	0	0	93	48	105	54				1.14		1.00		36700	16647
1377	121	62	97	50	24	12	0	0	95	49	105	54				1.14		1.00		37000	16783
1378	119	61	95	49	24	12	0	0	95	49	105	54				1.13		1.30		36800	16692
1382	123	63	100	51	23	12	0	0	98	50	105	54				1.17		.80		36400	16511
1394	112	58	84	43	28	14	0	0	86	45	104	53				1.08		1.00	1.10	35700	16194
1395	115	59	87	45	28	14	0	0	84	43	104	53				1.10		1.00		36100	16375
1399	121	62	93	48	28	14	0	0	94	48	104	53				1.16		.90		36300	16466
1401	122	63	94	48	28	14	0	0	94	48	104	53				1.16		1.10		36300	16466
1410	115	59	87	45	28	14	0	0	79	41	104	53				1.11		1.00		35900	16284

LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										DAY LANDINGS					
LNDG NO.	VPAF		VE-FILM		WIND-VEL				VEOR	VPAMI:4		VSP'A		KVPA		KV	LIFT		LIFT	WEIGHT					
	KN	M/S	KN	M/S	KN	M/S	KN	M/S		KN	M/S	KN	M/S	MIN	SP' A		TD	FF		LBS	KG				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21					
1517	118	61	92	47	26	13	2	1	95	49	109	56			1.09		1.00		39300	17826					
1524	118	61	94	48	24	12	2	1	87	45	109	56			1.06		1.10		39300	17826					
1527	123	63	100	51	23	12	2	1	92	47	108	56			1.14		1.10		38700	17554					
1538	118	61	96	49	23	12	2	1	88	45	107	55			1.12		1.00		37900	17191					
4888	124	64	96	46	34	17	6	3	83	43	107	55			1.16		1.20		37900	17191					

## LANDING DATA - MODEL S-3 USS ENTERPRISE (CVN-60), DAY LANDINGS

LNOG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD										WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STARBOARD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP		OVER RAMP		OVER RAMP		FT		M	
NO	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M	FT	M	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40						
359	6.2	1.9	6.2	1.9	6.4	2.0	6.1	1.9			3.4	.060	2.4	.041	12.8	3.9	10.1	3.1						
360	6.6	2.1	7.8	2.4	7.0	2.1	7.4	2.3			2.9	.050	2.2	.038	16.6	5.1	14.6	4.5						
367	5.5	1.7	5.9	1.8	7.7	2.5	6.6	2.0			2.2	.039	1.9	.032	12.2	3.7	9.8	3.0						
376	6.1	1.6	6.5	2.0	8.1	2.5	8.3	2.5			2.5	.044	2.4	.043	14.2	4.3	11.9	3.6						
371	7.0	2.1	7.9	2.4	7.5	2.3	7.7	2.3			2.1	.037	2.3	.041	13.4	4.1	11.2	3.4						
372	6.8	2.1	7.0	2.4	6.8	2.1	7.3	2.2			2.8	.049	2.4	.042	14.6	4.5	12.0	3.7						
373	8.1	2.5	7.0	2.1	6.7	2.0	6.8	2.1			2.1	.037	1.9	.034	14.3	4.4	12.2	3.7						
374	6.5	2.0	6.4	2.0	7.4	2.3	6.9	2.1			2.7	.047	2.1	.037	14.1	4.3	11.9	3.6						
376	4.8	1.5	5.2	1.6	5.4	1.6	5.5	1.7			1.7	.030	1.6	.028	11.8	3.6	9.2	2.8						
377	6.1	1.9	6.6	2.0	8.2	2.5	7.6	2.3			2.4	.042	2.3	.040	15.1	4.6	13.0	3.9						
378	6.3	1.9	6.6	2.6	7.2	2.2	8.3	2.5			2.0	.035	2.6	.045	12.9	3.9	10.6	3.2						
379	5.3	1.6	5.5	1.7	5.1	1.6	5.3	1.6			1.9	.034	1.6	.028	11.4	3.5	9.1	2.8						
390	7.1	2.2	7.3	2.2	7.6	2.3	7.1	2.2			2.8	.048	2.0	.035	17.0	5.2	14.8	4.5						
381	5.6	1.7	5.8	1.8	5.2	1.6	5.6	1.7			2.5	.044	1.6	.027	14.4	4.4	12.1	3.7						
382	3.8	1.2	5.9	1.8	6.7	2.0	6.7	2.0			2.9	.050	2.1	.037	14.6	4.5	12.0	3.7						
387	7.1	2.1	8.1	2.5	7.0	2.1	8.0	2.4			2.3	.040	2.2	.038	14.4	4.4	12.2	3.7						
388	8.7	2.7	10.0	3.1	9.6	2.9	10.2	3.1			3.6	.053	2.9	.051	13.6	4.1	10.7	3.3						
390	9.3	2.8	10.9	3.3	9.7	2.9	10.3	3.1			2.6	.045	3.1	.055	14.8	4.5	12.8	3.9						
391	7.4	2.2	7.9	2.4	7.5	2.3	7.9	2.4			2.8	.049	2.4	.042	14.5	4.4	11.9	3.6						
392	8.3	2.5	7.8	2.4	8.1	2.5	7.9	2.4			3.2	.055	2.6	.046	15.1	4.6	12.7	3.9						
393	7.5	2.3	9.3	2.8	7.3	2.2	8.1	2.5			2.2	.038	2.3	.040	11.5	3.5	8.8	2.7						
394	7.4	2.3	9.3	2.4	7.6	2.3	7.8	2.4			2.0	.034	2.2	.039	13.3	4.1	10.5	3.2						
395	6.4	2.0	6.1	1.9	5.0	1.5	6.2	1.9			2.5	.044	2.1	.037	11.8	3.6	9.5	2.9						
396	5.8	1.6	7.8	2.4	5.6	1.7	7.4	2.3			2.7	.048	2.9	.051	13.2	4.0	10.5	3.2						
397	7.6	2.3	9.1	2.8	8.0	2.4	8.6	2.6			3.1	.055	3.2	.056	14.1	4.3	11.1	3.4						
398	6.2	1.9	10.6	3.2	7.4	2.3	8.9	2.7			3.0	.053	3.3	.057	15.2	4.6	12.5	3.8						
400	9.3	2.8	8.9	2.7	8.0	2.4	8.5	2.6																
404	5.7	1.7	3.2	1.0	3.6	1.1	3.6	1.1			2.4	.042	1.3	.022	14.4	4.4	11.7	3.6						
405	7.5	2.3	8.0	2.4	7.0	2.1	7.6	2.3			2.7	.047	2.7	.046	12.4	3.8	9.7	3.0						
408	6.5	2.0	7.2	2.2	6.3	1.9	6.8	2.1			3.3	.058	2.4	.041	16.4	5.0	13.7	4.2						
410	5.7	1.7	6.9	2.1	5.9	1.6	6.4	1.9			2.4	.042	2.3	.039	9.5	2.9	6.6	2.0						
411	6.0	1.8	5.8	1.8	5.3	1.6	5.8	1.8			2.9	.051	2.1	.036	13.9	4.2	11.3	3.4						
412	7.0	2.1	7.3	2.2	7.3	2.2	7.1	2.2			2.8	.049	2.6	.045	13.4	4.1	10.1	3.1						
413	8.7	2.6	6.4	1.9	6.9	2.1	6.6	2.0			2.7	.047	2.3	.040	11.2	3.4	8.2	2.5						
414	8.6	2.7	9.8	3.0	8.7	2.6	9.3	2.8			3.2	.055	3.5	.061	16.6	5.1	13.5	4.1						
415	7.4	2.3	6.8	2.1	7.7	2.3	7.3	2.2			2.7	.047	2.5	.044	14.1	4.3	11.6	3.5						
416	7.7	2.3	7.7	2.4	7.0	2.1	7.5	2.3			3.6	.062	2.7	.047	18.6	5.7	16.2	4.9						
417	4.9	1.5	4.2	1.3	5.3	1.6	4.8	1.5			2.5	.044	1.7	.030	13.1	4.0	10.2	3.1						
423	6.4	1.9	6.5	2.0	6.5	2.0	6.1	1.9			2.8	.048	2.2	.038	12.9	3.9	10.5	3.2						
430	5.7	1.7	4.8	1.5	4.2	1.3	4.7	1.4	4.7	1.4	3.0	.053	1.6	.028	15.4	4.7	13.2	4.0						

## LANDING DATA - MODEL S-3 USS ENTERPRISE (CVN-6) DAY LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BNW		BVV		OVER RAMP		FT	M	FT	M
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
432	9.2	2.8	9.3	2.8	9.1	2.8	9.4	2.9			3.5	.061	3.4	.059	17.3	5.3	14.7	4.5		
435	9.1	2.8	10.4	3.2	9.5	2.9	9.9	3.0			3.4	.060	3.4	.060	17.5	5.3	15.1	4.6		
439	5.6	1.7	6.3	1.9	5.3	1.6	6.0	1.8			3.1	.055	2.1	.037	14.9	4.5	12.3	3.7		
441	8.3	2.5	9.1	2.8	9.0	2.7	9.1	2.8			3.6	.063	3.4	.059	15.6	4.8	12.6	3.8		
442	7.2	2.2	7.4	2.2	7.4	2.3	7.5	2.3			3.8	.067	2.5	.043	17.2	5.2	12.9	3.9		
446	7.3	2.2	9.0	2.7	8.2	2.5	8.6	2.6	9.0	2.8	3.4	.059	3.1	.055	15.3	4.7	12.3	3.7		
448	6.6	2.0	4.7	1.4	7.2	2.2	6.3	1.9			3.4	.059	2.5	.044	16.6	5.1	13.4	4.1		
449	9.8	3.0	10.5	3.2	10.4	3.2	10.5	3.2			4.5	.078	4.0	.070	19.2	5.9	16.2	5.0		
450	11.4	3.5	12.1	3.7	11.2	3.4	11.7	3.6			4.4	.077	4.5	.070	21.3	6.5	18.3	5.6		
451	8.9	2.7	8.3	2.5	7.6	2.3	8.0	2.4			3.3	.057	2.9	.051	13.1	4.0	10.3	3.1		
452	10.4	3.2	9.5	2.9	9.5	2.9	9.4	2.8			3.2	.056	3.2	.056	16.0	4.9	13.2	4.0		
453	8.1	2.5	8.7	2.7	8.2	2.5	8.5	2.6			3.1	.053	3.0	.053	14.8	4.5	12.0	3.7		
456	9.5	2.9	10.0	3.0	9.6	2.9	9.6	3.0	9.8	3.0	3.0	.049	3.0	.052	17.6	5.4	15.0	4.6		
458	7.5	2.3	8.7	2.6	9.4	2.9	9.1	2.8			3.0	.053	3.0	.052	14.5	4.4	12.5	3.6		
460	12.3	3.7	12.5	3.8	12.1	3.7	12.3	3.7			3.0	.053	2.5	.043	12.8	3.9	9.7	3.0		
464	7.7	2.3	6.4	1.9	6.3	1.9	6.4	1.9			2.8	.048	2.5	.043	16.7	5.1	14.7	4.5		
465	8.4	2.6	8.0	2.7	9.2	2.8	9.1	2.8			3.2	.057	2.6	.046	16.7	5.1	14.4	4.4		
466	8.6	2.6	8.2	2.5	8.3	2.5	8.2	2.5			2.7	.047	2.3	.039	15.6	4.8	13.3	4.0		
467	8.7	2.1	7.8	2.4	8.1	2.5	8.0	2.4			2.7	.047	2.3	.041	14.7	4.5	12.4	3.8		
469	6.2	1.9	7.6	2.3	6.1	1.9	6.6	2.1	6.8	2.1	2.8	.049	2.3	.060	14.1	4.3	10.8	3.3		
851	7.0	2.1	7.7	2.3	10.2	3.1	9.2	2.8			4.2	.073	3.5	.060	14.1	4.4	11.4	3.5		
852	7.3	2.2	10.4	3.2	10.6	3.2	10.5	3.2			3.3	.058	4.2	.073	14.4	4.4	11.4	3.5		
853	5.1	1.6	6.6	2.0	8.0	2.4	7.9	2.4			3.4	.060	2.7	.048	15.9	4.8	13.4	4.1		
880	6.7	2.0	7.6	2.3	7.8	2.4	7.9	2.4			3.7	.064	2.5	.044	13.8	4.2	11.1	3.4		
881	10.7	3.2	9.7	3.0	10.3	3.1	10.0	3.1			3.8	.067	3.3	.058	20.0	6.1	17.3	5.3		
882	6.6	2.0	6.4	1.6	6.5	2.0	6.4	2.0	6.4	1.9	2.7	.047	2.0	.035	12.8	3.9	10.2	3.1		
883	9.0	2.7	8.5	2.6	9.2	2.8	8.9	2.7		1.9	3.6	.063	3.3	.058	14.8	4.5	11.8	3.6		
884	8.1	2.5	6.6	2.0	8.8	2.7	7.6	2.3			2.9	.051	2.7	.048	15.5	4.7	12.6	3.8		
885	6.6	2.0	7.5	2.3	7.1	2.2	7.3	2.2			3.6	.063	2.6	.045	15.1	4.6	12.6	3.9		
886	9.5	2.9	10.2	3.1	10.2	3.1	10.2	3.1	6.4	1.9	4.8	.086	4.0	.070	21.7	6.8	18.8	5.7		
889	6.4	2.0	6.9	2.1	5.7	1.7	6.4	1.9			2.5	.044	2.3	.041	14.2	4.3	11.3	3.4		
890	8.8	2.7	6.4	2.0	5.9	1.8	6.2	1.9			3.9	.068	1.9	.033	14.3	4.4	11.5	3.5		
891	8.6	2.6	8.9	2.7	7.0	2.1	8.2	2.5			3.7	.065	2.5	.044	15.7	4.8	13.0	4.0		
892	7.6	2.3	7.2	2.2	7.0	2.1	7.1	2.2			4.0	.070	2.6	.046	16.9	5.2	14.0	4.3		
895	5.9	1.8	4.9	1.5	5.1	1.5	5.0	1.5			3.4	.060	1.9	.033	16.5	5.0	13.7	4.2		
896	8.9	2.7	9.1	2.8	9.5	2.9	9.3	2.8			3.3	.058	2.7	.048	18.0	5.5	15.3	4.7		
897	9.3	2.8	8.1	2.5	8.8	2.7	8.4	2.6			4.7	.082	2.9	.051	20.3	6.2	17.7	5.4		
898	7.9	2.4	8.9	2.7	7.7	2.4	8.4	2.6			3.0	.052	2.9	.051	16.8	5.1	14.0	4.3		
899	8.4	2.5	7.7	2.4	8.2	2.5	7.7	2.4			3.5	.061	2.8	.050	14.5	4.4	11.9	3.6		
900	7.4	2.2	6.7	2.0	7.1	2.1	6.6	2.0	6.0	1.8	3.1	.054	2.0	.035	16.7	5.1	13.8	4.2		

## LANDING DATA - MODEL S-3

USS ENTERPRISE (CWN-65)

DAY LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT OVER RAMP		HOOK HEIGHT OVER RAMP	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BW		BW		FT		FT	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
901	9.0	2.7	8.9	2.7	9.5	2.9	9.2	2.8			3.4	.059	3.4	.060	18.1	5.5	15.6	4.7
902	9.5	2.9	11.2	3.4	8.9	2.7	10.1	3.1			4.3	.075	4.2	.073	14.0	4.3	11.4	3.5
903	8.6	2.6	8.6	2.6	8.2	2.5	8.3	2.5			2.7	.046	2.7	.046	15.4	4.7	12.7	3.9
904	10.8	3.3	11.2	3.4	9.2	2.8	10.2	3.1			3.4	.058	3.0	.053	15.3	4.7	12.6	3.8
905	7.8	2.4	2.7	.8	3.3	1.0	2.9	.9	3.1	1.0	3.0	.052	1.1	.020	14.2	4.3	10.7	3.3
907	10.4	3.2	10.1	3.1	10.2	3.1	10.2	3.1			4.7	.081	3.2	.056	20.7	6.3	18.0	5.5
908	8.8	2.7	11.4	3.5	9.2	2.8	10.5	3.2			3.4	.059	3.7	.064	19.4	5.9	16.5	5.0
909	8.4	2.6	9.4	2.9	8.2	2.5	8.6	2.6			3.3	.057	2.6	.046	16.3	5.0	13.4	4.1
910	10.7	3.3	11.1	3.4	11.4	3.5	11.3	3.4			4.0	.070	3.7	.065	20.6	6.1	17.1	5.2
911	8.5	2.6	7.8	2.4	8.8	2.7	8.3	2.5			3.8	.067	2.9	.050	16.3	5.0	13.5	4.1
912	7.9	2.4	8.8	2.7	7.3	2.2	7.6	2.6			3.1	.054	2.9	.051	16.4	5.0	13.6	4.1
913	10.2	3.1	8.3	2.5	9.0	2.8	8.7	2.6			4.1	.071	3.2	.056	21.0	6.4	18.2	5.5
915	9.0	2.8	10.2	3.1	8.1	2.5	9.0	2.7			3.6	.062	3.2	.056	20.7	6.3	17.9	5.4
917	8.6	2.4	8.7	2.0	5.9	1.8	6.5	2.0			2.8	.049	2.3	.039	14.6	4.5	11.5	3.5
918	9.3	2.8	9.1	2.8	8.4	2.6	8.9	2.7			3.0	.053	3.0	.052	15.7	4.8	13.1	4.0
919	8.1	2.5	9.0	2.7	10.4	3.2	9.7	2.9	6.3	1.9	5.2	.091	4.1	.071	16.4	5.1	13.9	4.2
920	7.4	2.3	6.8	2.1	5.4	1.6	6.0	1.8			2.5	.044	1.7	.029	13.7	4.2	10.7	3.3
921	12.4	3.8	12.8	3.9	12.3	3.7	12.4	3.8			4.0	.084	4.4	.078	20.3	6.2	17.7	5.4
922	10.2	3.1	10.3	3.1	10.9	3.3	10.5	3.2			4.1	.072	3.5	.061	18.8	5.7	16.2	4.9
923	7.1	2.1	5.5	1.7	6.1	1.9	5.8	1.8			3.2	.056	2.0	.035	19.0	5.8	16.0	4.9
924	8.3	2.5	7.2	2.2	6.6	2.0	6.4	1.9			2.9	.051	2.1	.037	15.6	4.8	12.7	3.9
926	9.0	3.0	9.9	3.0	9.1	2.8	9.6	2.9			3.9	.067	3.8	.055	20.8	6.3	18.0	5.5
927	8.9	2.1	7.6	2.3	7.1	2.2	7.4	2.2			3.3	.058	2.6	.036	17.0	5.2	14.3	4.4
928	8.3	2.5	8.0	2.4	8.0	2.4	8.0	2.4			3.1	.054	2.9	.039	19.5	5.9	17.0	5.2
929	8.5	2.0	6.7	2.0	7.3	2.2	7.0	2.1	7.4	2.2	2.9	.051	2.5	.044	14.1	4.3	11.1	3.4
932	14.7	4.5	15.8	4.8	16.3	5.0	16.5	5.0			5.6	.097	5.0	.080	24.5	7.5	21.6	6.7
1121	9.8	3.0	10.6	3.2	10.6	3.2	10.6	3.2	11.0	3.3	3.6	.062	3.0	.052	21.7	6.8	19.0	5.8
1123	8.7	2.7	11.4	3.5	11.5	3.5	11.2	3.4			3.5	.062	3.6	.062	17.1	5.2	14.6	4.5
1124	8.9	2.7	9.0	2.7	8.6	2.6	8.0	2.8			3.8	.068	3.0	.052	16.6	5.1	13.6	4.2
1126	9.2	2.8	9.7	3.0	9.7	3.0	9.6	2.9			3.7	.065	3.3	.058	16.8	5.1	14.2	4.3
1127	8.4	2.5	8.9	2.7	8.5	2.6	8.8	2.7			2.5	.044	2.7	.047	13.2	4.0	10.8	3.3
1132	10.3	3.1	13.8	4.2	13.5	4.1	13.9	4.2			4.0	.071	4.5	.079	19.2	5.9	16.5	5.0
1134	7.3	2.2	7.5	2.3	8.2	2.5	7.7	2.4			2.4	.041	2.4	.042	13.4	4.1	10.9	3.3
1138	10.5	3.2	11.2	3.4	9.7	3.0	10.4	3.2			3.5	.060	3.3	.058	12.1	3.7	9.5	2.9
1140	8.0	2.4	9.5	2.9	8.6	2.6	9.2	2.8			3.3	.057	3.1	.054	15.3	4.7	12.2	3.7
1151	8.3	2.5	8.7	2.1	8.3	2.5	7.5	2.3			3.0	.052	2.6	.045	15.6	4.8	12.8	3.9
1153	8.9	2.7	9.7	3.0	7.3	2.2	8.7	2.6			3.9	.068	3.0	.052	14.2	4.3	11.4	3.5
1156	10.2	3.1	10.2	3.1	10.8	3.3	10.5	3.2			3.8	.067	3.4	.059	17.4	5.3	15.0	4.6
1158	7.2	2.2	6.8	2.1	5.7	1.7	6.6	2.0			2.7	.047	2.1	.038	17.2	5.2	14.7	4.5
1159	10.5	3.2	9.8	3.0	10.4	3.2	10.0	3.0			3.1	.054	3.4	.059	18.0	5.5	14.6	4.5

## LANDING DATA - MODEL S-3

USS ENTERPRISE (CVN-65)

DAY LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVW		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEC	RAD	DEC	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1160	7.9	2.4	9.5	2.9	8.7	2.6	9.1	2.8			2.9	.051	2.7	.046	15.0	4.6	12.0	3.7
1161	7.8	2.4	7.9	2.4	8.6	2.6	8.4	2.6			2.9	.050	2.5	.043	15.6	4.8	13.1	4.0
1162	7.8	2.4	9.5	2.9	8.7	2.7	9.2	2.8			3.0	.067	2.9	.051	16.6	5.1	14.2	4.3
1164	8.5	2.6	8.7	3.0	8.0	2.4	8.6	2.6			2.8	.048	2.9	.051	12.9	3.9	9.8	3.0
1165	9.0	2.7	6.3	1.9	7.4	2.2	6.0	2.1			3.6	.063	2.3	.041	10.9	3.3	7.5	2.3
1166	7.9	2.4	7.8	2.4	9.1	2.8	8.4	2.6			3.0	.053	2.9	.050	5.3	4.7	12.4	3.8
1167	6.8	2.1	6.0	2.4	7.1	2.1	7.3	2.2			3.3	.057	2.4	.042	14.6	4.5	11.9	3.6
1168	9.7	2.9	10.2	3.1	9.6	2.9	9.9	3.0			2.8	.050	3.2	.055	12.4	3.8	9.4	2.9
1346	8.4	2.6	9.2	2.8	6.9	2.1	7.8	2.4			3.3	.058	2.7	.048	14.5	4.4	11.8	3.6
1347	8.7	2.6	8.7	2.9	8.2	2.5	9.1	2.8			3.6	.063	2.8	.049	14.7	4.5	12.4	3.8
1348	9.1	2.8	8.7	3.0	8.8	2.7	8.9	2.7			3.2	.057	2.7	.047	13.0	4.0	9.8	3.0
1349	6.6	2.0	6.0	1.8	6.9	2.1	6.5	2.0	6.3	1.9	2.2	.038	2.1	.037	10.8	3.3	8.0	2.4
1350	9.5	2.9	12.0	3.6	11.6	3.5	11.9	3.6			3.7	.064	3.8	.067	13.7	4.2	11.2	3.4
1351	7.9	2.4	7.4	2.2	8.6	2.6	8.0	2.4			3.2	.056	2.6	.046	15.9	4.8	13.2	4.0
1352	8.9	2.7	8.3	2.5	5.7	1.7	8.7	2.6			3.1	.054	2.7	.046	14.5	4.4	12.0	3.6
1353	5.9	1.8	6.1	1.9	4.7	1.4	5.8	1.8			2.8	.049	1.6	.028	12.1	3.7	10.1	3.1
1354	8.4	2.6	5.9	1.8	5.4	1.6	5.8	1.8			3.0	.052	1.9	.033	12.4	3.8	9.7	3.0
1355	9.7	3.0	10.5	3.2	10.1	3.1	10.3	3.1			3.1	.054	3.2	.056	12.0	3.7	9.4	2.9
1356	10.1	3.1	12.3	3.7	11.9	3.6	12.2	3.7			3.8	.067	4.3	.074	16.1	4.9	13.3	4.1
1357	11.0	3.3	11.8	3.6	9.9	3.0	10.9	3.3			3.3	.057	3.3	.058	16.6	5.1	14.2	4.3
1358	9.7	2.9	9.6	2.9	8.5	2.6	9.7	3.0			4.0	.070	3.1	.054	15.5	4.7	12.7	3.9
1359	9.4	2.8	10.4	3.2	11.0	3.4	10.7	3.3			3.8	.066	3.4	.059	15.1	4.6	12.6	3.8
1360	7.5	2.3	9.1	2.8	7.9	2.4	8.8	2.7			3.3	.058	2.8	.050	13.2	4.0	10.3	3.1
1361	8.7	2.6	9.2	2.8	10.2	3.1	9.3	2.8			3.3	.058	2.8	.049	15.5	4.7	13.1	4.0
1362	9.9	3.0	11.6	3.5	11.7	3.6	10.9	3.3			3.9	.069	4.1	.072	16.5	5.0	13.4	4.1
1363	9.1	2.8	10.1	3.1	9.8	3.0	10.0	3.1			2.6	.046	2.7	.046	16.4	5.0	14.2	4.3
1364	8.6	2.6	8.7	2.6	7.9	2.4	8.3	2.5			3.1	.055	2.4	.042	15.5	4.7	13.3	4.1
1365	10.1	3.1	8.9	2.7	11.3	3.4	10.1	3.1			3.1	.055	3.2	.057	17.0	5.2	14.3	4.4
1366	12.7	3.9	12.9	3.9	12.0	3.7	12.5	3.8			5.2	.090	3.8	.067	14.8	4.5	11.6	3.5
1367	11.6	3.5	10.6	3.2	12.3	3.8	11.2	3.4			4.4	.076	3.5	.062	19.0	5.8	16.6	5.1
1368	6.4	2.0	6.1	1.8	6.0	1.8	6.1	1.9	6.8	2.1	3.0	.052	2.1	.036	14.4	4.4	11.6	3.5
1376	8.1	2.5	9.1	2.8	6.6	2.1	8.0	2.4			3.3	.057	2.8	.049	13.8	4.2	11.3	3.4
1377	11.4	3.5	10.7	3.3	10.4	3.2	10.6	3.2			3.3	.057	3.2	.056	20.5	6.2	18.1	5.5
1378	6.6	2.0	6.1	1.9	5.9	1.8	5.6	1.7					1.8	.032				
1382	8.2	2.5	14.1	4.3	10.9	3.3	12.5	3.6			3.6	.063	4.0	.071	16.1	4.9	12.8	3.9
1394	6.6	2.0	6.9	2.1	6.6	2.0	6.8	2.1	6.5	2.0	3.0	.052	2.8	.050	13.6	4.1	10.6	3.2
1395	5.5	1.7	7.6	2.3	7.1	2.2	7.5	2.3			2.8	.049	2.7	.047	12.5	3.8	9.7	3.0
1399	8.8	2.7	8.3	2.8	8.4	2.6	8.8	2.7					2.9	.051				
1401	6.8	2.1	6.3	1.9	5.3	1.6	5.9	1.8			2.8	.048	1.8	.032	15.5	4.7	13.0	4.0
1410	7.0	2.1	6.3	1.9	7.0	2.1	6.8	2.1			2.4	.043	2.4	.041	13.8	4.2	10.7	3.3



LNDG	LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-7)				DAY LANDINGS			
	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BW		OVER RAMP		OVER RAMP	
NO	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1517	8.0	2.7	9.2	2.8	8.6	2.6	8.8	2.7			3.0	.053	3.0	.053	14.5	4.4	12.1	3.7
1524	9.2	2.8	9.6	2.8	10.9	3.3	10.1	3.1			3.5	.061	3.3	.057	18.5	5.6	16.1	4.9
1527	10.5	3.2	9.9	3.0	9.6	2.9	9.7	3.0			3.3	.056	2.9	.050	13.7	4.2	11.4	3.5
1538	6.7	2.0	7.3	2.2	6.4	2.0	7.1	2.2			2.4	.042	2.3	.040	13.1	4.0	10.3	3.1
4066	7.7	2.3	11.6	3.5	9.3	2.8	11.2	3.4			5.0	.087	4.2	.073	21.9	6.7	19.0	5.8

## DAY LANDINGS

## USS ENTERPRISE (CVN-65,

## LANDING DATA - MODEL S-3

LNDG NO	PITCH ANGLE			ROLL ANGLE			PITCH RATE			ROLL RATE			F. P. A.			YAW					
	TO	OR	DEG	TO	OR	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	
359	4.8	.084	5.3	.092			1.8	.031	-4	-.007			.4	.007	-2.3	-.040	-2.9	-.051	2.6	.045	
360	3.2	.056	3.3	.056			-4	-.007	2.4	.042			-5	-.009	3.3	.058	-2.7	-.047	5.8	.101	
361	2.8	.049	5.5	.096			-2.4	-.042	1.3	.023			-1	-.002	-6.1	-.106	-4.3	-.075	8.4	.147	
362	4.0	.070	4.9	.066			-1	-.002	2.0	.035			-9	-.016	1.7	.030	-1.8	-.031	1.6	.031	
371	3.2	.056	4.9	.086			.2	.003	1.3	.023			-1.1	-.019	1.3	.023	-2.3	-.040	2.5	.044	
372	5.7	.099	5.5	.096			.1	.002	-2	-.003			-3	-.005	4.6	.080	-1.6	-.028	2.8	.049	
373	1.9	.033	4.4	.077			-1.9	-.033	6.7	.117			2.9	.051	1.2	.021	-2.5	-.044	4.2	.073	
374	4.2	.073	4.3	.075			2.0	.035	-8	-.014			1.6	.028	-4.5	-.079	-2.6	-.045	4.8	.084	
376	4.3	.075	6.7	.117			-2	-.003	-1.6	-.031			1.3	.023	.5	.009	-3.6	-.063	4.3	.075	
377	3.3	.058	4.4	.077			.9	.016	1.0	.017			-8	-.014	-4.7	-.082	-1.7	-.030	4.0	.070	
378	1.6	.028	5.3	.092			-1.7	-.030	-5	-.009			-2.1	-.037	3.0	.052	-2.2	-.038	4.0	.070	
379	4.2	.073	5.5	.096			-4	-.007	-3	-.005			1.1	.019	1.5	.026	-2.6	-.045	3.3	.058	
380	2.3	.040	4.2	.073			-1.0	-.017	2.6	.045			.7	.012	2.0	.035	-7	-.012	3.3	.058	
381	4.5	.079	4.8	.084			-2.2	-.038	.2	.003			-4	-.007	2.4	.042	-4.6	-.080	6.4	.112	
382	5.0	.087	5.5	.096			.5	.009	2.0	.035			.5	.009	0.0	.000	-4.1	-.072	5.7	.099	
387	4.0	.064	4.7	.062			-2.3	-.040	.2	.003			-3	-.005	.5	.009	-2.6	-.045	-1.7	-.030	
388	5.2	.091	6.4	.112			1.0	.017	1.4	.024			-2.0	-.035	5.3	.092	-2.7	-.047	-2.1	-.037	
390	3.1	.054	3.6	.063			-2.0	-.035	-7	-.012			-2.9	-.051	5.1	.089	-4.3	-.075	4.6	.080	
391	4.0	.070	5.6	.098			-2.3	-.040	.8	.014			-9	-.016	.4	.007	-3.3	-.058	-7	-.012	
392	3.6	.063	4.4	.077			-2.3	-.040	-2.2	-.030			1.2	.021	-4	-.007	-3.9	-.060	-9	-.016	
393	4.0	.070	6.4	.112			1.8	.031	.3	.005			-1.8	-.031	6.5	.113	-2.4	-.042	-2.2	-.038	
394	3.3	.058	7.0	.122			-1	-.002	-2.5	-.044			-3	-.005	1.3	.023	-3.8	-.066	-1.6	-.028	
395	3.8	.066	5.0	.087			-1.2	-.021	-2.2	-.038			1.8	.031	-9	-.016	-5.1	-.089	7.5	.131	
396	4.4	.077	6.0	.105			-2.6	-.045	-9	-.016			-1.7	-.030	2.8	.049	-2.1	-.037	3.2	.056	
397	3.0	.066	6.7	.117			-2.3	-.040	-8	-.014			-1.6	-.028	4.6	.080	-1.6	-.028	3.6	.063	
398	5.2	.091	5.7	.090			-1.0	-.017	.2	.003			-1.6	-.028	14.0	.244	0.0	.000	-1.0	-.017	
400	2.5	.044					-1.3	-.023					2.1	.037	3.8	.066	-4.3	-.075	8.5	.113	
404	5.5	.096	6.4	.112			1.2	.021	1.3	.023			1.9	.033	-2	-.003	-2.6	-.045	3.6	.063	
405	3.4	.059	6.0	.105			-1.9	-.033	-2.3	-.040			.7	.012	3.2	.056	-1.7	-.030	1.7	.030	
406	4.4	.077	5.3	.092			1.3	.023	-1.7	-.030			0.0	.000	4.0	.070	-3.3	-.058	4.0	.070	
410	4.6	.080	6.9	.120			-1.9	-.033	-3	-.005			.1	.002	4.2	.073	-2.2	-.038	-4.0	-.070	
411	3.8	.066	5.4	.094			-2.0	-.035	-6	-.010			1.3	.023	3.6	.063	-2.4	-.042	3.3	.058	
412	5.1	.089	8.2	.143			1.4	.024	-1.2	-.021			0.0	.000	-1.2	-.021	-4.8	-.084	1.5	.026	
413	2.9	.051	7.0	.122			-8	-.014	-5	-.009			6.2	.108	-2.0	-.035	-4.8	-.084	4.5	.079	
414	4.2	.073	7.1	.124			-2.2	-.038	.6	.010			-1.7	-.030	4.9	.086	-3.5	-.061	2.3	.040	
415	1.5	.026	5.2	.091			-6	-.010	-1.8	-.031			.3	.005	-3.5	-.061	-4.7	-.082	6.0	.105	
416	3.9	.060	4.3	.075			-2.4	-.042	-1.9	-.033			0.0	.000	2.1	.037	-4.3	-.075	3.6	.063	
417	5.2	.091	6.8	.119			-3	-.005	0.0	.000			.4	.007	-4.4	-.077	-3.9	-.068	4.1	.072	
423	2.8	.049	5.0	.087			-1.0	-.017	1.6	.028			2.7	.047	2.7	.047	-2.6	-.045	4.5	.079	
430	5.4	.094	3.8	.066	5.4	.094	.094	-2.0	-.035	-3	-.005	-2.0	-.035	2.1	.037	1.3	.023	-3.8	-.066	-3	-.005

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL S-3

LNOG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	TD	OR	DEG	RAD	TD	OR	DEG	RAD	TD	OR	DEG	RAD	TD	OR	DEG	RAD	TD	OR	DEG	RAD	TD	OR	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
432	2.8	.049	4.8	.084																				
435	2.5	.044	4.1	.072																				
439	5.1	.089	5.4	.094																				
441	5.0	.087	6.1	.106																				
442	8.4	.147	10.4	.181																				
448	5.4	.094	6.5	.113	5.1	.089	-1.2	-.021	-3.6	-.063	-7	-.012	-3.5	-.061	3.0	.052	-4.2	-.073	-8	-.014				
448	6.6	.115	7.2	.126																				
448	5.4	.094	5.1	.089																				
450	5.5	.098	5.2	.091																				
451	4.3	.075	5.9	.103																				
452	3.2	.056	5.7	.099																				
453	4.2	.073	6.0	.105																				
456	4.3	.075	5.4	.094	4.2	.073	-2	-.003	-1.0	-.017	-4	-.007	-1.7	-.030	-3.1	-.054	-2.9	-.051	4.4	.077				
458	2.4	.042	3.2	.056																				
460	4.8	.084																						
464	5.4	.094	7.0	.122																				
465	4.3	.075	3.7	.065																				
466	4.7	.082	4.1	.072																				
467	4.2	.073	4.7	.082																				
469	3.7	.065	4.4	.077	3.7	.065	1.6	.028	-8	-.014	1.8	.028	.9	.016	6.1	.106	-4.1	-.072	5.3	.092				
491	5.8	.101	6.7	.117																				
492	3.7	.065	6.4	.112																				
493	5.1	.089	4.5	.079																				
499	5.1	.089	5.2	.091																				
501	4.8	.084	5.0	.087																				
502	4.2	.073	5.7	.099	4.2	.073	.3	.005	-1.2	-.021	.1	.002	.6	.010	-5	-.009	-3.6	-.063	2.1	.037				
503	3.1	.054	6.2	.108																				
504	3.8	.066	6.6	.115																				
505	4.7	.082	4.3	.075																				
506	5.0	.087	4.6	.090																				
509	3.8	.066	7.0	.122																				
509	6.5	.113	5.1	.089																				
511	3.3	.058	5.1	.089																				
502	5.0	.087	5.5	.098																				
505	4.1	.072	5.0	.101																				
506	3.8	.066	5.3	.092																				
507	4.7	.082	3.0	.066																				
508	3.4	.059	6.2	.108																				
509	2.5	.044	5.0	.087																				
500	5.5	.096	6.2	.100	5.6	.098	-1.4	-.024	-2.7	-.047	-1.2	-.021	1.4	.024	1.0	.017	-3.3	-.058	-9	-.016				

LANDING DATA -- MODEL S-3										USS ENTERPRISE (CVN-6)										DAY LANDINGS										
LNOG	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW				
	TD	OR	FF	DEG	RAO	TD	OR	FF	DEG	RAO	TD	OR	FF	DEG	RAO	AT TD	DEG	RAO	DEG	AT TD	DEG	RAO	AT TD	DEG	RAO	AT TD	DEG	RAO		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61										
901	3.3	.058	4.8	.004			1.3	.023	-1.9	-.033																				
902	5.0	.101	3.9	.069			1.7	.030	-1.0	-.017																				
903	3.8	.068	6.2	.108			1.9	.033	.2	.003																				
904	2.1	.037	5.3	.092			-.9	-.016	-2.3	-.040																				
905	6.3	.110	8.6	.150	6.8	.118	-2.0	-.035	-4.2	-.073	-1.9	-.033	2.9	.051	-1.4	-.024	-5.9	-.103	4.0	.084										
907	4.4	.077	4.1	.072			-2.0	-.035	-.6	-.010																				
908	4.8	.064	6.2	.106			-1.9	-.033	-.5	-.009																				
909	4.2	.073	6.3	.110			-4.6	-.080	-3.4	-.059																				
910	6.0	.105	5.3	.092			1.1	.019	.5	.009																				
911	5.7	.099	5.2	.091			-1.0	-.017	-.8	-.014																				
912	4.7	.082	6.1	.106			-1.8	-.031	1.7	.030																				
913	3.5	.061	5.1	.069			.9	.016	.2	.003																				
915	4.3	.075	5.6	.098			1.4	.024	-4.2	-.073																				
917	5.9	.103	7.2	.126			1.5	.028	-1.6	-.028																				
918	2.8	.049	5.3	.092			-1.8	-.031	-5.0	-.087																				
919	7.0	.138	4.1	.072			-.8	-.014	5.2	.091																				
920	5.3	.092	7.3	.127	5.4	.094	-1.8	-.031	-1.5	-.026	-1.0	-.017	1.2	.021	8.4	.112	-2.4	-.042	-2.8	-.049										
921	2.0	.051	3.5	.061			-3.3	-.058	-.5	-.009																				
922	4.0	.070	4.4	.077			-2.0	-.035	1.1	.019																				
923	4.4	.077	6.6	.115			.2	.003	1.5	.026																				
924	2.9	.051	6.6	.115			-2.8	-.049	3.0	.052																				
926	5.0	.087	5.2	.091			1.0	.017	-1.8	-.031																				
927	3.7	.065	5.4	.094			-.6	-.010	3.0	.052																				
928	4.5	.079	4.8	.084			-4.4	-.007	-1.7	-.030																				
929	5.4	.094	6.9	.120	5.3	.092	-.8	-.014	.2	.003	-.7	-.012	-2.7	-.047	-2.4	-.042	-3.3	-.058	1.3	.023										
932	5.8	.101	3.0	.052			.5	.009	0.0	.000																				
1121	5.0	.103	5.3	.092	5.4	.094	1.2	.021	.1	.002	1.0	.017	-3.6	-.063	0.0	.000	-2.7	-.047	-2.2	-.063										
1123	1.9	.033	4.5	.079			-5.6	-.098	.8	.014																				
1124	5.2	.091	5.9	.103			3.4	.059	-2.7	-.047																				
1126	5.3	.092	4.7	.082			-1.0	-.017	0.0	.000																				
1127	4.5	.079	5.2	.091			-1.6	-.028	-1.2	-.021																				
1132	4.9	.066	4.8	.064			-4.3	-.075	2.7	.047																				
1134	4.5	.079	5.7	.099			-2.0	-.035	2.2	.038																				
1138	4.6	.060	4.9	.066			-1.7	-.030	2.0	.035																				
1140	7.4	.120	6.8	.119			-1.8	-.031	.3	.005																				
1151	3.9	.060	6.0	.105			.1	.002	2.8	.049																				
1153	5.4	.094	5.2	.091			-.9	-.016	.1	.002																				
1156	4.7	.082	3.7	.065			2.8	.049	-.8	-.014																				
1158	6.0	.105	5.3	.092			-3.5	-.061	-1.6	-.028																				
1159	6.1	.106	7.9	.138			-1.8	-.031	-.6	-.010																				

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL S-3

LDC	NO	PITCH ANGLE			ROLL ANGLE			PITCH RATE			ROLL RATE			F. P. A.			YAW			
		TO	OR	FF	TO	OR	FF	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
1100	5.0	.007	6.9	.120																
1101	4.9	.006	5.1	.000																
1102	4.1	.072	3.7	.045																
1104	4.5	.079	7.3	.127																
1105	7.0	.138	7.5	.131																
1106	5.4	.004	6.4	.112																
1107	5.6	.008	5.5	.006																
1108	5.7	.009	7.0	.122																
1346	4.7	.002	5.3	.002																
1347	4.7	.002	3.6	.003																
1348	5.0	.007	7.3	.127																
1349	3.5	.041	6.8	.120	3.6	.043	1.3	.023	1.3	.023	1.3	.023	1.3	.023	1.3	.023	1.3	.023	1.3	.023
1350	4.7	.002	4.2	.073																
1351	5.8	.101	5.5	.006																
1352	4.2	.073	5.1	.009																
1353	5.1	.009	3.6	.063																
1354	4.3	.075	5.0	.098																
1355	3.3	.058	5.4	.004																
1356	5.7	.009	5.1	.009																
1357	3.3	.058	4.4	.077																
1358	4.6	.009	5.0	.007																
1359	4.7	.002	4.3	.075																
1360	8.7	.117	8.1	.106																
1361	2.9	.051	4.5	.079																
1362	5.8	.101	6.3	.110																
1363	4.2	.073	4.4	.077																
1364	4.4	.077	3.7	.065																
1365	4.0	.070	5.6	.008																
1366	5.6	.008	5.4	.004																
1367	3.6	.063	3.2	.058																
1368	6.1	.106	6.2	.106	6.1	.106														
1370	5.6	.008	4.9	.008																
1377	3.9	.068	4.3	.075																
1378	6.6	.115																		
1382	4.6	.009	7.2	.126																
1394	4.7	.002	6.9	.120	4.9	.008														
1395	5.7	.009	8.2	.108																
1399	3.6	.063																		
1401	4.1	.072	5.3	.092																
1410	6.2	.106	7.7	.134																

LANDING DATA - MODEL S-3												USS ENTERPRISE (CVN )												DAY LANDINGS												
LNGC NO	PITCH ANGLE						ROLL ANGLE						PITCH RATE						ROLL RATE						F. P. A.						YAW					
	TD		OR		FF		TD		OR		FF		AT TD		DEG		RAD		AT TD		DEG		RAD		AT TD		DEG		RAD		AT TD		DEG		RAD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61																
1517	3.6	.063	4.5	.079			2.5	.044	-1.2	-.021			.2	.003	1.4	.024	-4.1	-.072	7.3	.127																
1524	5.0	.007	4.0	.070			1.5	.026	-2.8	-.049			-.1	-.002	-6.3	-.110	-3.4	-.059	6.5	.113																
1527	4.5	.079	3.9	.068			.6	.010	-.1	-.002			2.3	.040	1.2	.021	-3.6	-.063	2.5	.044																
1538	3.9	.068	6.7	.117			-2.3	-.040	-3.3	-.058			-1.4	-.024	1.3	.023	-3.7	-.065	-6	-.010																
4886	5.6	.008	4.3	.075			-1.9	-.033	-2.8	-.049			-1.9	-.033	3.6	.063	-2.9	-.051	-2.8	-.049																

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL S-3

LNDG NO.	OFF-CENTER		RAMP TO TD		WIRE NO.	SIDE	LNDG NO.	TYPE	FLAP	SHIP	DECK PITCH		DECK ROLL		TEMP	BAROMETRIC		ARR GEAR	REREAD		
	FT	M	FT	M							KN	M/S	DEG	RAD		DEG	RAD			F	C
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	
359	-10	-3	263	62		747	70200		4	2					63	17	30.01	762.3	0	0.0	0
360	-13	-4	276	84		725	70120		4	2	-4	-0.007	0.0	0.000	63	17	30.01	762.3	0	0.0	0
367	-13	-4	243	74	3	727	50100		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	168	426.7	0
370	-7	-2	258	70		724	70120		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	0	0.0	0
371	-8	-2	278	85		724	70120		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	0	0.0	0
372	-11	-3	241	73	2	747	50120		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	168	421.6	0
373	-5	-2	300	91		724	60100		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	0	0.0	0
374	-11	-3	240	73	2	725	50200		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	168	426.7	0
376	-6	-2	289	88	3	747	50200		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	165	419.1	0
377	-7	-2	284	87	3	725	50200		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	167	424.2	0
378	-10	-3	280	85	4	724	50100		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	167	424.2	0
379	-8	-2	253	77	2	747	50120		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	167	424.2	0
380	-11	-3	285	87	4	725	50100		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	165	419.1	0
381	-13	-4	257	78	3	724	50100		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	168	426.7	0
382	-10	-3	234	71	2	747	50200		4	2	-5	-0.009	-1	-0.002	63	17	29.97	761.2	167	424.2	1
387	-3	-1	293	89	4	725	50100		5	3	-4	-0.007	-9	-0.016	63	17	29.97	761.2	168	426.7	0
388	-11	-3	220	67	2	735	50200		3	2	-4	-0.007	-9	-0.016	63	17	29.97	761.2	169	429.3	2
390	2	1	275	84		747	70123		3	2	-4	-0.007	-2	-0.003	63	17	29.97	761.2	0	0.0	0
391	-7	-2	270	82		725	70100		3	2	-2	-0.003	-2.3	-0.040	63	17	29.97	761.2	0	0.0	0
392	-8	-2	266	81		747	70100		3	2	-4	-0.007	-1	-0.002	63	17	29.97	761.2	0	0.0	0
393	-6	-2	247	75		725	70200		3	2	-4	-0.007	-3	-0.005	63	17	29.97	761.2	0	0.0	0
394	2	1	313	95	4	747	50120		3	2					63	17	29.97	761.2	168	426.7	0
395	-6	-2	261	80	3	724	50100		3	2	3	.005	-2	-0.003	63	17	29.97	761.2	170	431.8	0
396	-7	-2	300	91	3	725	50100		3	2	0.0	0.000	.9	.016	63	17	29.97	761.2	168	426.7	0
397	-12	-4	249	76	3	747	50100		3	2	0.0	0.000	-1.6	-0.028	63	17	29.97	761.2	169	429.3	0
398	-2	-1	282	86	3	725	50100		5	3	1	.002	-1.6	-0.028	63	17	29.97	761.2	169	429.3	0
400	-8	-2	302	92		735	70120		5	3	-4	-0.007	-4	-0.007	63	17	29.97	761.2	0	0.0	0
404	-5	-2	313	95	3	736	50200		5	3	-1	-0.002	-6	-0.010	63	17	29.97	761.2	169	429.3	0
405	-12	-4	233	71	2	735	50100		5	3	-2	-0.003	-1.5	-0.026	63	17	29.97	761.2	168	426.7	0
406	-9	-3	271	83	3	736	50200		4	2	0.0	0.000	-3	-0.005	63	17	29.97	761.2	169	429.3	0
410	-12	-4	219	67	2	725	50100		4	2	0.0	0.000	-3	-0.005	63	17	29.97	761.2	169	429.3	1
411	-14	-4	260	79	3	727	50200		4	2	0.0	0.000	-3	-0.005	63	17	29.97	761.2	169	429.3	1
412	-9	-3	263	80	3	736	50200		4	2	0.0	0.000	-3	-0.005	63	17	29.97	761.2	169	429.3	0
413	-12	-4	227	69	2	724	50123		4	2	0.0	0.000	-3	-0.005	63	17	29.97	761.2	169	429.3	0
414	-11	-3	286	87	4	736	50100		4	2	0.0	0.000	-3	-0.005	63	17	29.97	761.2	168	426.7	0
415	-4	-1	289	88	4	724	50120		4	2					63	17	29.93	760.2	168	426.7	1
416	-6	-2	287	87	4	725	50100		4	2	0.0	0.000	-3	-0.005	62	17	29.93	760.2	168	426.7	0
417	-8	-2	285	87	3	725	50120		4	2	0.0	0.000	-3	-0.005	62	17	29.93	760.2	168	426.7	0
423	-16	-5	257	78	3	736	50100		4	2	0.0	0.000	-3	-0.005	62	17	29.93	760.2	168	426.7	1
430	-9	-3	278	85	3	725	50100		4	2	0.0	0.000	-3	-0.005	62	17	29.93	760.2	168	426.7	0

LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDC	OFF-CENTER	RAMP TO TD	WIRE	SIDE	LNDC	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC	ARR	GEAR	REREAD													
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	KN	M/S	DEG	RAD	DEG	RAD	F	C	IN	MG	MM	HQ	IN	CM	RUNOUTS	NUMBER						
FT	M	FT	M																										
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
432	-8	-2	273	83	3	736	50100	4	2	0.0	0.000	-3	-0.005	62	17	29.93	760.2	168	426.7	2									
435	-15	-5	279	85	4	736	50120	4	2	0.0	0.000	-3	-0.005	62	17	29.97	761.2	167	424.2	1									
438	-12	-4	261	86	4	725	70120	4	2					62	17	29.97	761.2	0	0.0	0									
441	-17	-5	235	72	2	747	50120	4	2	0.0	0.000	-3	-0.005	62	17	29.97	761.2	168	426.7	1									
442	-17	-5	248	75	2	725	70100	4	2					62	17	29.97	761.2	0	0.0	1									
446	-7	-2	249	76	2	725	60120	4	2	0.0	0.000	-3	-0.005	62	17	29.97	761.2	168	426.7	0									
448	-9	-3	269	82		736	70200	4	2	0.0	0.000	-3	-0.005	62	17	29.97	761.2	0	0.0	0									
449	-17	-5	234	71		736	70120	4	2	0.0	0.000	-3	-0.005	62	17	29.97	761.2	0	0.0	1									
450	-15	-5	257	78	3	725	50120	4	2	-1	-0.002	0.0	0.000	62	17	29.97	761.2	169	429.3	1									
451	-15	-5	213	85	2	736	50120	4	2	-1	-0.002	0.0	0.000	62	17	29.97	761.2	168	426.7	1									
452	-14	-4	264	80	3	724	50100	4	2	-1	-0.002	0.0	0.000	62	17	29.97	761.2	169	429.3	1									
453	-5	-2	266	81	4	725	50120	4	2	0.0	0.000	-3	-0.052	62	17	29.97	761.2	167	424.2	0									
456	-10	-3	280	85	3	736	60120	4	2	-6	-0.010	-2.4	-0.042	62	17	29.97	761.2	168	426.7	0									
458	-17	-5	253	77	3	724	50200	4	2	-1	-0.002	-2.2	-0.038	62	17	29.97	761.2	168	426.7	1									
460	-11	-3	271	83	3	725	50120	4	2	-3	-0.005	-1.5	-0.026	62	17	29.97	761.2	168	426.7	1									
464	-10	-3	228	89	2	736	50120	4	2					62	17	29.97	761.2	167	424.2	1									
465	-13	-4	281	86		724	70120	4	2	-5	-0.009	-2.4	-0.042	62	17	29.97	761.2	0	0.0	0									
466	-11	-3	249	76	3	747	50100	4	2	-4	-0.007	-0.8	-0.014	62	17	29.97	761.2	169	429.3	1									
467	-13	-4	256	78	3	724	50120	4	2	-6	-0.010	-2.0	-0.035	62	17	29.97	761.2	167	424.2	1									
469	-10	-3	275	84	3	724	50200	4	2	-1	-0.002	-2.3	-0.040	62	17	29.97	761.2	168	426.7	2									
651	-8	-3	179	85	4	745	70200	4	2	-1	-0.002	0.8	0.014	64	18	29.92	760.0	0	0.0	0									
652	-13	-4	222	88		740	70100	4	2	-2	-0.003	-1.7	-0.030	64	18	29.92	760.0	0	0.0	0									
653	-1	0	232	71		740	70200	4	2	-3	-0.005	-1.5	-0.026	64	18	29.92	760.0	0	0.0	0									
800	-14	-4	192	50		741	70100	3	2	-3	-0.005	0.8	0.014	66	19	29.95	760.7	0	0.0	0									
801	-8	-2	249	76		745	70120	3	2	-8	-0.010	-4	-0.007	66	19	29.95	760.7	0	0.0	2									
802	-11	-3	235	72	2	727	50120	3	2	-3	-0.005	1.2	0.021	66	19	29.95	760.7	168	426.7	0									
803	-8	-2	232	71		747	70100	3	2	-1	-0.002	1.2	0.021	66	19	29.95	760.7	0	0.0	0									
804	-1	0	206	87	4	730	50200	3	2	-1	-0.002	0.3	0.005	66	19	29.95	760.7	165	419.1	0									
805	-12	-4	232	71		741	70120	3	2					66	19	29.95	760.7	0	0.0	2									
806	-10	-3	242	74		745	70100	3	2					66	19	29.95	760.7	0	0.0	0									
809	-5	-2	299	91	4	745	50100	3	2	-1	-0.002	-0.5	-0.009	66	19	29.95	760.7	168	426.7	2									
800	-10	-5	180	55	1	747	50200	3	2	-5	-0.009	-2	-0.003	66	19	29.95	760.7	169	429.3	0									
801	-14	-4	212	65	2	741	50100	3	2	-4	-0.007	-1.2	-0.021	66	19	29.95	760.7	168	426.7	2									
802	-11	-3	228	69		744	70100	3	2	-1	-0.002	-4	-0.007	66	19	29.95	760.7	0	0.0	0									
805	-15	-5	267	81	2	727	50100	3	2					66	19	29.95	760.7	169	429.3	0									
806	-10	-3	241	73		744	70100	3	2	-8	-0.014	-2.0	-0.035	66	19	29.95	760.7	0	0.0	0									
807	-15	-5	228	69		735	70100	3	2	-2	-0.003	-3	-0.005	66	19	29.95	760.7	0	0.0	0									
808	-6	-2	295	90		730	70100	3	2	-2	-0.003	0.6	0.010	66	19	29.95	760.7	0	0.0	0									
809	-9	-3	229	78	2	744	50230	3	2					66	19	29.95	760.7	168	426.7	0									
900	-12	-4	246	75	2	735	50100	4	2	-6	-0.010	-2.2	-0.003	66	19	29.95	760.7	169	429.3	0									



LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNCG NO.	OFF-CENTER		RAMP TO TD	WIRE SIDE	LNCG NO.	TYPE	F/AP	SHIP	DECK PITCH		DECK ROLL		TEMP	BAROMETRIC		ARR GEAR	REREAD												
	DISTANCE	DISTANCE							FT	M	KN	M/S		DEG	RAD			DEG	RAD	F	C	IN	HG	MM	HG	IN	CM	NUMBER	
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
901	-7	-2	293	89		736	70120		4	2	0.0	0.000	-8	-0.14	66	19	29.95	760.7	0	0.0	0								
902	-10	-3	185	56	1	747	50120		4	2	2	0.03	-6	-0.10	66	19	29.95	760.7	170	431.8	0								
903	-6	-2	265	81	3	736	50200		4	2	-5	-0.009	-1.3	-0.23	66	19	29.95	760.7	168	426.7	2								
904	-17	-5	211	64	2	741	50123		4	2	-6	-0.010	-8	-0.14	66	19	29.95	760.7	168	426.7	2								
905	-1	0	260	79	2	745	50100		4	2					66	19	29.95	760.7	169	429.3	0								
907	-19	-6	223	60	2	741	50100		4	2	-4	-0.007	-1.1	-0.19	66	19	29.95	760.7	167	424.2	1								
908	-7	-2	295	90	4	745	50100		4	2	-2	-0.003	-1	-0.02	66	19	29.95	760.7	168	426.7	0								
909	-15	-5	230	70	2	744	50100		4	2	-6	-0.010	-1.2	-0.21	66	19	29.95	760.7	167	424.2	1								
910	-12	-4	234	71	2	735	50120		4	2	-6	-0.010	-1.6	-0.28	66	19	29.95	760.7	168	426.7	2								
911	-14	-4	219	67	2	727	50120		4	2	-2	-0.003	-0.8	-0.14	66	19	29.95	760.7	168	426.7	2								
912	-13	-4	256	78	3	736	50100		4	2	-4	-0.007	-1.6	-0.28	66	19	29.95	760.7	169	429.3	1								
913	-9	-3	282	86	4	747	50120		4	2					66	19	29.95	760.7	169	429.3	0								
915	-4	-1	298	91	4	745	50200		4	2	-2	-0.003	-2.1	-0.37	66	19	29.95	760.7	168	426.7	0								
917	-14	-4	262	80	3	735	50200		4	2	-2	-0.003	-0.9	-0.16	66	19	29.95	760.7	170	431.8	0								
918	-12	-4	264	80	3	727	50100		4	2	-2	-0.003	-2.1	-0.37	66	19	29.95	760.7	168	426.7	0								
919	-9	-3	178	54	1	736	50120		4	2	1	0.002	1.1	0.19	66	19	29.95	760.7	169	429.3	1								
920	-10	-3	240	73	2	747	50100		4	2	-6	-0.010	-0.9	-0.16	66	19	29.95	760.7	168	426.7	2								
921	-12	-4	220	70	2	741	50100		4	2					66	19	29.95	760.7	168	426.7	1								
922	-13	-4	222	68	2	747	50100		4	2	-5	-0.009	2	0.03	66	19	29.95	760.7	169	429.3	1								
923	-10	-3	283	86	3	735	50200		4	2	-4	-0.007	6	0.10	66	19	29.95	760.7	169	429.3	1								
924	-11	-3	282	86	3	727	50100		4	2	-1	-0.002	4	0.07	66	19	29.95	760.7	167	424.2	0								
926	-4	-1	292	89	3	736	50200		4	2					66	19	29.95	760.7	168	426.7	0								
927	-4	-1	280	85	3	744	50120		4	2	0.0	0.000	9	0.16	66	19	29.95	760.7	168	426.7	0								
928	-6	-2	303	92		741	70120		4	2	-4	-0.007	-2	-0.03	66	19	29.95	760.7	0	0.0	0								
929	-4	-1	253	77	2	741	50120		4	2	-1	-0.002	-6	-0.10	66	19	29.95	760.7	167	424.2	0								
932	-11	-3	234	71	2	737	50200		2	1	-3	-0.005	-1.8	-0.31	65	18	29.95	760.7	169	429.3	0								
1121	-1	0	285	87	3	747	80120		4	2	-6	-0.010	-5	-0.09	67	19	29.90	759.5	170	431.8	0								
1123	-15	-5	244	74	3	747	50100		4	2	-3	-0.005	-7	-0.12	69	21	29.90	759.5	170	431.8	1								
1124	-11	-3	234	71		745	70200		4	2	-1	-0.002	-1.1	-0.19	69	21	29.90	759.5	0	0.0	2								
1126	-13	-4	230	73	2	745	50100		4	2	-1	-0.002	-2.2	-0.36	69	21	29.90	759.5	170	431.8	1								
1127	-10	-3	257	78	3	744	50100		4	2	-3	-0.005	-2.7	-0.47	69	21	29.90	759.5	170	431.8	1								
1132	-10	-3	241	73	2	747	50100		4	2	-3	-0.005	-1.1	-0.19	69	21	29.90	759.5	169	429.3	1								
1134	-11	-3	277	84	3	744	50100		4	2	-3	-0.005	-1	-0.02	67	19	29.90	759.5	169	429.3	1								
1136	-15	-5	182	55	2	741	50100		4	2	-2	-0.003	-3	-0.05	67	19	29.90	759.5	169	429.3	1								
1140	-14	-4	234	71	2	745	50100		4	2	-3	-0.005	-6	-0.10	67	19	29.90	759.5	170	431.8	2								
1151	-9	-3	280	85	4	744	50120		4	2	-1	-0.002	-9	-0.16	67	19	29.90	759.5	169	429.3	0								
1153	-13	-4	199	61	2	741	50100		4	2	0.0	0.000	-6	-0.10	67	19	29.90	759.5	169	429.3	0								
1156	-16	-5	225	69	2	737	50120		4	2	-4	-0.007	-1.7	-0.30	67	19	29.90	759.5	168	426.7	0								
1158	-16	-5	306	93	4	745	50100		4	2	-4	-0.007	-1.6	-0.28	67	19	29.90	759.5	169	429.3	2								
1159	-11	-3	289	80		744	60100		4	2	-3	-0.005	-2.0	-0.35	67	19	29.90	759.5	0	0.0	0								

LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LDNG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	LDNG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC	ARR	GEAR	REREAD													
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED																						
FT	M	FT	M				KN	M/S	DEG	RAD	DEG	F	C	IN	HG	MM	HG	IN	CM	RUNOUTS	NUMBER								
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
1160	-14	-4	232	71	2	744	50120	4	2	-6	-.010	.5	.009	67	19	29.90	759.5	169	429.3	0									
1161	-6	-3	265	81	3	741	50200	3	2	-4	-.007	-1.1	-.002	67	19	29.90	759.5	169	429.3	0									
1162	-18	-8	228	89	2	737	50100	3	2	-2	-.003	-4	-.007	67	19	29.90	759.5	168	426.7	2									
1164	-6	-2	251	77	3	745	50200	3	2	-1	-.002	.8	.014	67	19	29.90	759.5	169	429.3	1									
1165	-12	-4	153	47	2	735	50120	3	2	-3	-.005	-.9	-.016	67	19	29.90	759.5	170	431.8	1									
1166	-14	-4	270	82	4	744	50100	3	2	-1	-.002	-1.4	-.024	67	19	29.90	759.5	169	429.3	0									
1167	-18	-5	232	71	2	737	50100	3	2	-2	-.003	1.1	.019	67	19	29.90	759.5	168	426.7	1									
1168	-18	-5	212	65	2	744	50120	3	2	-4	-.007	-1.1	-.002	67	19	29.90	759.5	169	429.3	1									
1346	-9	-3	227	89	2	736	50100	6	3	-1	-.002	1.6	.028	73	23	29.93	760.2	167	424.2	0									
1347	-7	-2	202	82	2	755	50100	6	3	-3	-.005	.8	.014	73	23	29.93	760.2	168	426.7	0									
1348	-7	-2	186	57	2	725	50200	6	3	-5	-.009	-7	-.012	73	23	29.93	760.2	169	429.3	0									
1349	-5	-2	245	75	2	727	50200	6	3	-2	-.003	.7	.012	73	23	29.91	759.7	169	429.3	0									
1350	-13	-4	185	56	2	744	50200	6	3	-3	-.005	2.7	.047	73	23	29.91	759.7	170	431.8	1									
1351	-16	-5	241	73	2	736	50120	6	3	-3	-.005	1.9	.033	73	23	29.91	759.7	168	426.7	0									
1352	-5	-2	230	73	2	745	50100	6	3	-2	-.003	1.4	.024	73	23	29.91	759.7	170	431.8	0									
1353	-13	-4	202	82	2	755	50100	6	3	-4	-.007	1.4	.024	73	23	29.91	759.7	168	426.7	0									
1354	-16	-5	217	66	2	727	50200	6	3	-1	-.002	1.4	.024	73	23	29.91	759.7	169	429.3	1									
1355	-12	-4	204	82	2	744	50120	6	3	-1	-.002	.4	.007	73	23	29.91	759.7	170	431.8	1									
1356	-23	-7	219	67	2	736	50100	6	3	-1	-.002	.4	.007	73	23	29.91	759.7	168	426.7	1									
1357	-16	-5	250	78	3	745	50100	6	3	-2	-.003	-1.6	-.028	73	23	29.91	759.7	170	431.8	2									
1358	-14	-4	199	61	2	725	50100	6	3	-2	-.003	-1.2	-.021	73	23	29.91	759.7	169	429.3	1									
1359	-16	-5	205	82	2	755	50120	6	3	-2	-.003	-.9	-.016	73	23	29.91	759.7	168	426.7	1									
1360	-14	-4	196	60	2	727	50100	6	3	-3	-.005	1.6	.028	73	23	29.91	759.7	168	426.7	0									
1361	-17	-5	238	73	3	744	50100	6	3	-2	-.003	-3.3	-.058	73	23	29.91	759.7	170	431.8	1									
1362	-20	-6	218	66	2	736	50200	6	3	-1	-.002	.6	.010	73	23	29.91	759.7	168	426.7	1									
1363	-18	-5	274	84	3	745	50100	6	3	-6	-.010	-1.7	-.030	73	23	29.91	759.7	170	431.8	1									
1364	-6	-2	243	74	2	755	50120	6	3	-3	-.005	-2	-.003	73	23	29.91	759.7	168	426.7	0									
1365	-16	-5	272	83	3	727	50120	4	2	-3	-.005	1.0	.017	73	23	29.91	759.7	169	429.3	0									
1366	-18	-6	149	45	2	744	50100	4	2	-3	-.005	-3	-.005	73	23	29.91	759.7	169	429.3	2									
1367	-11	-3	224	68	3	737	50200	4	2	-3	-.005	3.3	.058	73	23	29.91	759.7	169	429.3	0									
1368	-17	-5	257	76	2	736	50100	4	2	-1	-.002	-2.0	-.035	73	23	29.91	759.7	168	426.7	1									
1376	-3	-1	236	70	2	736	50200	4	2	0	0.000	.2	.003	73	23	29.91	759.7	169	429.3	0									
1377	-11	-3	297	91	4	727	50120	4	2	-5	-.009	-1.1	-.019	73	23	29.91	759.7	168	426.7	0									
1378	-6	-2	217	66	2	755	50100	4	2	-2	-.003	-1.7	-.030	73	23	29.91	759.7	168	426.7	0									
1382	-13	-4	231	70	2	736	50120	4	2	-2	-.003	-2.5	-.044	73	23	29.91	759.7	168	426.7	0									
1394	-11	-3	247	75	2	736	50120	7	4	1	.002	1.6	.028	73	23	29.91	759.7	168	426.7	1									
1395	-6	-2	218	66	2	755	50100	7	4	-2	-.003	.9	.016	73	23	29.91	759.7	167	424.2	0									
1399	-2	-1	288	86	4	725	50120	6	3	-3	-.005	-1.5	-.026	73	23	29.91	759.7	167	424.2	0									
1401	-6	-2	270	82	3	727	50100	6	3	-3	-.005	.6	.010	73	23	29.91	759.7	169	429.3	0									
1410	-11	-3	271	83	5	755	70100	5	3	-3	-.005	-4	-.007	73	23	29.91	759.7	0	0.0	0									

LOADING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	LNDG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC	ARR	GEAR	REREAD													
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED						PRESSURE		RUNOUTS	NUMBER													
	FT	M	FT	M			KN	M/S	DEG	RAD	DEG	F	C	IN	MM	HG	IN	CM											
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
1517	-4	-1	231	70	2	740	50200		9	5	-2	-003	.4	.007	72	22	29.97	761.2	169	429.3									
1524	-9	-3	250	76		740	70200		7	4	-4	-007	.4	.007	72	22	29.97	761.2	0	0.0									
1527	-12	-4	197	60	2	740	50120		7	4	-4	-007	.1	.002	72	22	29.97	761.2	169	429.3									
1538	-10	-3	266	81	3	740	50200		8	4	-2	-003	-.6	-.010	73	23	29.97	761.2	169	429.3									
4896	-13	-4	243	74		747	70100		3	2					66	19	29.95	760.7	0	0.0									

**S-3 NIGHT**

## LANDING DATA - MODEL S-3

USS ENTERPRISE (CVN-65),

NIGHT LANDINGS

LNOG	VPAF	VE-FILM		WIND-VEL				VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT	LIFT	FF	LBS	KG		
		NO.	TD	KN	M/S	KN	M/S		KN	M/S									KN	M/S
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
8317	123	63	93	48	30	15	3	2	108	56					1.14		1.00	1.00	38500	17464
8321	121	62	91	47	30	15	3	2	106	55					1.14		1.00	1.00	37500	17010
8328	123	63	93	48	30	15	3	2	105	54					1.17		1.10	1.10	36600	16602
9122	118	61	86	44	32	16	6	3	106	55					1.11		1.00	1.00	37500	17010
9127	132	68	100	51	32	16	6	3	106	55					1.24		1.00	1.00	37700	17101
9128	127	65	95	49	32	16	6	3	106	55					1.20		1.10	1.10	37500	17010
9129	124	64	92	47	32	16	6	3	108	56					1.14		1.00	1.00	38000	17645
9133	127	65	95	49	32	16	6	3	106	55					1.20		1.00	1.00	37200	16874
9134	117	60	85	44	32	16	6	3	106	55					1.10		1.00	1.00	37500	17010
9135	129	66	97	50	32	16	6	3	110	57					1.18		1.10	1.10	40000	18144
9136	125	64	93	48	32	16	6	3	105	54					1.18		1.10	1.10	37000	16783
9138	123	63	91	47	32	16	6	3	105	54					1.17		1.00	1.00	36500	16556
9140	126	64	88	45	32	16	6	3	106	55					1.14		.90	.90	37100	16829
9143	126	65	92	47	34	17	6	3	109	56					1.16		1.00	1.00	39400	17872
9145	126	65	92	47	34	17	6	3	106	55					1.19		1.00	1.00	37300	16919
9148	126	65	92	47	34	17	6	3	103	53					1.22		1.10	1.10	35500	16103
9150	126	65	92	47	34	17	6	3	104	53					1.23		1.10	1.10	35700	16194
9151	128	66	94	48	34	17	6	3	104	53					1.21		1.00	1.00	35700	16194
9153	128	66	94	48	34	17	6	3	103	53					1.24		1.00	1.00	35500	16103
9157	120	62	86	44	34	17	6	3	103	53					1.17		.90	.90	35300	16012
9159	125	64	91	47	34	17	6	3	102	52					1.22		1.00	1.00	34700	15740
9160	119	61	85	44	34	17	6	3	102	52					1.17		1.00	1.00	34500	15649
9161	121	62	87	45	34	17	6	3	101	52					1.20		1.10	1.10	33900	15377
9162	123	63	89	46	34	17	6	3	100	51					1.22		1.20	1.20	33600	15241
9163	131	67	97	50	34	17	6	3	103	53					1.27		1.20	1.20	35200	15967
9166	123	63	89	46	34	17	6	3	101	52					1.21		.90	.90	34100	15468
9167	124	64	90	46	34	17	6	3	105	54					1.18		1.00	1.00	37000	16783
9171	121	62	87	45	34	17	6	3	101	52					1.20		1.00	1.00	33700	15286
9172	119	61	85	44	34	17	6	3	101	52					1.18		.90	.90	33700	15286
9175	129	66	95	49	34	17	6	3	101	52					1.28		1.20	1.20	33900	15377
9176	119	61	85	44	34	17	6	3	101	52					1.18		1.10	1.10	33700	15286
9177	114	59	80	41	34	17	6	3	104	53					1.09		.90	.90	36200	16420
9184	124	64	90	46	34	17	6	3	103	53					1.20		1.10	1.10	35400	16057
9186	122	63	88	45	34	17	6	3	103	53					1.19		1.00	1.00	35200	15967
9193	131	67	98	50	33	17	6	3	104	53					1.26		1.20	1.20	35900	16284
9194	131	67	98	50	33	17	6	3	109	56					1.20		.90	.90	39800	18053
9197	127	65	94	48	33	17	6	3	109	56					1.17		1.00	1.00	39400	17872
9198	124	64	91	47	33	17	6	3	108	56					1.15		.90	.90	38500	17464
9202	125	64	92	47	33	17	6	3	108	56					1.16		1.00	1.00	38800	17600
9204	121	62	89	46	32	16	6	3	106	55					1.14		1.00	1.00	37500	17010

## NIGHT LANDINGS

## USS ENTERPRISE (CVN-60)

## LANDING DATA - MODEL S-3

UNDC	VPAF	VE-FILM	WIND-VEL	VEOR	VPAMIN	VSP'A	KVPA	KV	LIFT	LIFT	FF	TD	SP' A	MIN	16	17	18	19	20	KG	
NO.	TD	PAR.	PERP.	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
9200	114	59	82	42	32	16	6	3	108	56	1.06	1.00	1.00	1.06	1.06	1.06	1.00	38800	17600	17600	
9206	117	60	84	43	33	17	3	2	107	55	1.08	1.00	1.00	1.08	1.08	1.08	1.00	38400	17418	17418	
9211	119	61	86	44	33	17	3	2	107	55	1.11	1.00	1.00	1.11	1.11	1.11	1.00	38100	17282	17282	
9212	116	60	83	43	33	17	3	2	107	55	1.09	1.00	1.00	1.09	1.09	1.09	1.00	37800	17146	17146	
9213	116	60	83	43	33	17	3	2	107	55	1.09	1.00	1.00	1.09	1.09	1.09	1.00	38000	17237	17237	
9214	124	64	91	47	33	17	3	2	105	54	1.18	1.00	1.00	1.18	1.18	1.18	1.00	36700	16647	16647	
9215	127	65	94	46	33	17	3	2	107	55	1.19	1.00	1.00	1.19	1.19	1.19	1.00	38000	17237	17237	
9219	118	61	85	44	33	17	3	2	106	55	1.11	1.00	1.00	1.11	1.11	1.11	1.00	37600	17055	17055	
9217	116	60	83	43	33	17	3	2	106	55	1.10	1.00	1.00	1.10	1.10	1.10	1.00	37300	16919	16919	
9218	122	63	89	46	33	17	3	2	107	55	1.14	1.00	1.00	1.14	1.14	1.14	1.00	38000	17237	17237	
9219	121	62	88	45	33	17	3	2	104	53	1.16	1.00	1.00	1.16	1.16	1.16	1.00	36200	16420	16420	
9221	124	64	90	46	34	17	3	2	106	55	1.17	1.00	1.00	1.17	1.17	1.17	1.00	37300	16919	16919	
9222	124	64	90	46	34	17	3	2	105	54	1.18	1.00	1.00	1.18	1.18	1.18	1.00	36700	16647	16647	
9228	117	60	83	43	34	17	3	2	103	53	1.14	1.00	1.00	1.14	1.14	1.14	1.00	35300	16012	16012	
9229	119	61	85	44	34	17	3	2	104	53	1.14	1.00	1.00	1.14	1.14	1.14	1.00	35700	16194	16194	
9230	118	61	84	43	34	17	3	2	105	54	1.12	1.00	1.00	1.12	1.12	1.12	1.00	36700	16647	16647	
9231	125	64	91	47	34	17	3	2	103	53	1.21	1.00	1.00	1.21	1.21	1.21	1.00	35600	16148	16148	
9232	112	58	78	40	34	17	3	2	103	53	1.08	1.00	1.00	1.08	1.08	1.08	1.00	35600	16148	16148	
9234	120	62	86	44	34	17	3	2	104	53	1.16	1.00	1.00	1.16	1.16	1.16	1.00	35700	16194	16194	
9235	119	61	85	44	34	17	3	2	103	53	1.15	1.00	1.00	1.15	1.15	1.15	1.00	35300	16012	16012	
9236	123	63	89	46	34	17	3	2	103	53	1.19	1.00	1.00	1.19	1.19	1.19	1.00	35400	16057	16057	
9237	122	63	88	45	34	17	3	2	102	52	1.20	1.00	1.00	1.20	1.20	1.20	1.00	34400	15604	15604	
9238	113	58	79	41	34	17	3	2	102	52	1.11	1.00	1.00	1.11	1.11	1.11	1.00	34700	15740	15740	
9239	127	65	93	48	34	17	3	2	103	53	1.24	1.00	1.00	1.24	1.24	1.24	1.00	35100	15921	15921	
9241	123	63	89	46	34	17	3	2	101	52	1.23	1.00	1.00	1.23	1.23	1.23	1.00	33700	15286	15286	
9242	117	60	83	43	34	17	3	2	100	51	1.17	1.00	1.00	1.17	1.17	1.17	1.00	33500	15196	15196	
9244	114	59	80	41	34	17	3	2	101	52	1.13	1.00	1.00	1.13	1.13	1.13	1.00	33800	15332	15332	
9245	124	64	89	46	35	18	3	2	100	51	1.24	1.00	1.00	1.24	1.24	1.24	1.00	33000	14969	14969	
9246	120	62	85	44	35	18	3	2	104	53	1.16	1.00	1.00	1.16	1.16	1.16	1.00	35700	16194	16194	
9249	122	63	87	45	35	18	3	2	104	53	1.17	1.00	1.00	1.17	1.17	1.17	1.00	36100	16375	16375	
9251	121	62	86	44	35	18	3	2	107	55	1.13	1.00	1.00	1.13	1.13	1.13	1.00	38100	17282	17282	
9259	117	60	82	42	35	18	3	2	101	52	1.16	1.00	1.00	1.16	1.16	1.16	1.00	33700	15286	15286	
9264	140	72	103	53	37	19	3	2	109	56	1.28	1.00	1.00	1.28	1.28	1.28	1.00	39900	18099	18099	
9265	125	64	95	49	36	15	3	2	110	57	1.14	1.00	1.00	1.14	1.14	1.14	1.00	40000	18144	18144	
9266	135	69	105	54	36	15	3	2	109	56	1.23	1.00	1.00	1.23	1.23	1.23	1.00	39800	18053	18053	
9267	129	66	99	51	36	15	3	2	109	56	1.18	1.00	1.00	1.18	1.18	1.18	1.00	39900	18099	18099	
9268	120	66	98	50	36	15	3	2	110	57	1.17	1.00	1.00	1.17	1.17	1.17	1.00	40100	18189	18189	
9269	130	67	100	51	36	15	3	2	109	56	1.19	1.00	1.00	1.19	1.19	1.19	1.00	39800	18053	18053	
9270	130	67	100	51	36	15	3	2	109	56	1.19	1.00	1.00	1.19	1.19	1.19	1.00	39500	17917	17917	
9301	126	65	96	49	36	15	3	2	109	56	1.16	1.00	1.00	1.16	1.16	1.16	1.00	39500	17917	17917	

LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
LMDG NO.	VPAF TD	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP-A	KVPA	KV	LIFT TD	LIFT FF	WEIGHT LBS	KG														
		KN	M/S	KN	M/S		KN	M/S								KN	M/S	MIN	SP-A										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21									
9303	131 67	101 52	30 15	3 2	109 56	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	39300	17826												
9304	127 65	97 50	30 15	3 2	108 56	1.17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	39100	17736												
9305	126 65	96 49	30 15	3 2	109 56	1.16	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	39300	17826												
9307	130 67	100 51	30 15	3 2	108 56	1.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	38700	17554												
9308	128 66	98 50	30 15	3 2	108 56	1.19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	38700	17554												
9309	115 59	85 44	30 15	3 2	109 56	1.05	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	39900	18099												
9310	127 65	97 50	30 15	3 2	107 55	1.18	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	38400	17418												
9312	120 62	90 46	30 15	3 2	108 56	1.11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	39000	17690												
9313	119 61	89 46	30 15	3 2	107 55	1.11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	38300	17373												
9314	122 63	92 47	30 15	3 2	108 56	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	39000	17690												
9315	123 63	93 48	30 15	3 2	107 55	1.15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	38100	17282												
9316	122 63	92 47	30 15	3 2	107 55	1.14	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	38000	17237												
9317	125 64	95 49	30 15	3 2	106 55	1.17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	37600	17055												
9318	119 61	89 46	30 15	3 2	107 55	1.12	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	37800	17146												
9320	118 61	88 45	30 15	3 2	108 55	1.11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	37600	17055												
9321	120 62	90 46	30 15	3 2	107 55	1.12	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	38000	17237												
9322	119 61	89 46	30 15	3 2	108 55	1.13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	37300	16919												
9323	118 61	88 45	30 15	3 2	106 55	1.12	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	37200	16874												
9324	129 66	99 51	30 15	3 2	108 55	1.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	37400	16965												
9325	117 60	87 45	30 15	3 2	105 54	1.11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	36900	16738												
9326	127 65	97 50	30 15	3 2	105 54	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	37000	16783												
9328	119 61	89 46	30 15	3 2	105 54	1.14	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	36700	16647												
9329	121 62	91 47	30 15	3 2	105 54	1.15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	36700	16647												
9331	122 63	92 47	30 15	3 2	105 54	1.17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	36500	16556												
9332	119 61	89 46	30 15	3 2	105 54	1.14	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	36700	16647												
9333	126 65	96 49	30 15	3 2	105 54	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	36400	16511												
9334	125 64	95 49	30 15	3 2	104 53	1.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	35900	16284												
9335	134 69	104 53	30 15	3 2	104 53	1.28	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	36300	16466												
9336	120 62	90 46	30 15	3 2	103 53	1.17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	35200	15967												
9338	135 69	105 54	30 15	3 2	101 52	1.33	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	34300	15558												
9340	123 63	93 48	30 15	3 2	101 52	1.22	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	34000	15422												
9341	122 63	92 47	30 15	3 2	103 53	1.18	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	35400	16057												
9346	123 63	93 48	30 15	3 2	101 52	1.22	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	33800	15332	1.10											
9458	121 62	91 47	30 15	5 3	106 55	1.14	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	37500	17010												
9460	118 61	88 45	30 15	5 3	106 55	1.11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	37500	17010												
9462	130 67	100 51	30 15	5 3	108 55	1.23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	37200	16874												
9464	123 63	93 48	30 15	5 3	105 54	1.16	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	37000	16783												
9469	126 65	96 49	30 15	5 3	104 53	1.21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	36300	16466												
9472	120 62	90 46	30 15	5 3	104 53	1.16	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	35700	16194												
9473	109 56	79 41	30 15	5 3	104 53	1.05	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	36000	16330												

## NIGHT LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL S-3

LNDG NO.	VPAF TD	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP-A	KVPA	KV	LIFT		LIFT	LBS	KG				
		KN	M/S	KN	M/S		KN	M/S				KN	M/S				TD	FF		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
9474	123	63	93	48	30	15	5	3				103	53		1.19		1.10		35100	15921
9475	122	63	92	47	30	15	5	3				104	53		1.18		1.00		35800	16239
9477	120	62	90	46	30	15	5	3				103	53		1.16		1.20		35500	16103
9480	106	55	76	39	30	15	5	3				103	53		1.03		.90		35000	15876
9481	126	65	96	49	30	15	5	3				102	52		1.23		1.20		34900	15831
9483	125	64	95	48	30	15	5	3				102	52		1.22		1.00		34700	15740
9542	121	62	94	48	27	14	2	1				107	55		1.14		1.10		37800	17146
9558	114	59	87	45	27	14	2	1				105	54		1.08		1.10		37000	16783
9560	117	60	90	46	27	14	2	1				105	54		1.11		1.00		36700	16647
9565	123	63	93	48	30	15	3	2				105	54		1.18		.80		36400	16511
9569	114	59	84	43	30	15	3	2				104	53		1.09		1.00		36300	16468
9575	122	63	92	47	30	15	3	2				104	53		1.18		1.00		35800	16239
9587	90	51	71	37	28	14	2	1				102	52		.97		1.10		34700	15740



## LANDING DATA - MODEL S-3

USS ENTERPRISE (CVN-65),

NIGHT LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT OVER RAMP		HOOK HEIGHT OVER RAMP	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		FT	M	FT	M
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD				
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
8317	8.7	2.6	9.1	2.8	10.4	3.2	9.7	3.0	9.8	3.0			3.5	.060				
8321	9.0	2.7	9.2	2.8	8.6	2.6	9.3	2.8	8.9	2.7			3.4	.059				
8328	8.7	2.6	7.8	2.4	8.7	2.6	8.5	2.6					2.7	.047				
9122	8.1	2.5	10.9	3.3	8.4	2.6	9.7	2.9					3.4	.060				
9127	8.8	2.7	8.3	2.5	8.6	2.4	8.8	2.7					2.8	.048				
9128	8.8	2.7	9.8	3.0	8.6	2.6	8.9	2.7					2.9	.050				
9129	11.1	3.4	11.3	3.4	12.3	3.7	11.8	3.6					3.9	.069				
9133	9.9	3.0	10.2	3.1	10.2	3.1	10.2	3.1					3.5	.061				
9134	6.2	1.9	6.8	2.1	7.1	2.2	6.8	2.1					2.6	.046				
9135	4.7	1.4	5.8	1.8	5.1	1.6	5.2	1.6					1.7	.030				
9136	8.0	2.4	10.4	3.2	8.9	2.7	10.0	3.1					3.1	.053				
9138	5.3	1.6	5.7	1.7	7.0	2.1	6.3	1.9					1.9	.034				
9140	10.3	3.1	10.8	3.3	9.0	2.7	10.4	3.2					3.6	.063				
9143	6.6	1.8	5.7	1.7	6.0	1.8	5.9	1.8					1.8	.031				
9145	7.6	2.4	7.9	2.4	7.8	2.4	7.9	2.4					2.6	.045				
9148	5.6	1.7	5.8	1.8	6.3	1.9	6.0	1.8					1.9	.034				
9150	8.6	2.7	7.3	2.2	8.1	2.8	8.2	2.5					2.4	.042				
9151	8.3	2.5	9.6	2.9	10.8	3.3	10.1	3.1					3.6	.062				
9153	7.6	2.3	9.5	2.9	8.0	2.4	8.7	2.7					3.0	.052				
9157	7.9	2.4	7.7	2.3	8.5	2.6	8.0	2.4					3.0	.053				
9159	7.1	2.2	5.8	1.8	7.0	2.1	6.1	1.9					2.2	.038				
9160	6.1	1.9	5.9	1.8	6.9	2.1	7.0	2.1					2.4	.041				
9161	5.8	1.8	7.5	2.3	5.9	1.8	7.1	2.2					2.5	.043				
9162	8.6	2.6	6.7	2.0	10.4	3.2	9.0	2.7					3.1	.054				
9163	8.9	2.4	8.2	2.5	6.2	1.9	7.2	2.2					2.6	.046				
9166	8.5	2.6	8.9	2.7	10.3	3.2	9.2	2.8					3.5	.061				
9167	9.3	2.8	10.9	3.3	11.0	3.3	10.2	3.1					3.3	.058				
9171	8.7	2.6	7.8	2.4	10.2	3.1	9.3	2.8					3.3	.058				
9172	8.2	2.5	9.1	2.6	9.5	2.9	9.3	2.8					2.6	.045				
9175	9.1	2.8	10.5	3.2	7.8	2.4	9.2	2.8					3.0	.052				
9176	8.9	2.7	8.6	2.6	8.8	2.7	8.4	2.6					3.8	.066				
9177	9.8	3.0	9.8	3.0	9.5	2.9	9.7	2.9					2.4	.042				
9184	7.9	2.4	7.8	2.4	7.9	2.4	8.2	2.5					2.9	.051				
9186	9.9	3.0	8.6	2.6	10.7	3.3	9.5	2.9					1.7	.030				
9193	4.5	1.4	8.8	2.7	3.5	1.1	6.6	2.0					1.4	.024				
9194	5.6	1.7	5.8	1.8	3.5	1.1	4.6	1.4					2.5	.043				
9197	8.6	2.6	8.8	2.7	8.7	2.7	8.8	2.7					2.2	.039				
9198	6.3	1.9	9.1	2.8	6.0	1.8	7.7	2.3					2.7	.047				
9202	8.2	2.5	8.6	2.6	7.4	2.2	8.4	2.6					2.1	.037				
9204	5.6	1.7	5.4	1.7	7.1	2.2	6.1	1.9										

TA - 3 DAY

NO #

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LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-6..)										NIGHT LANDINGS			
LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT						
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BNW		BVV		OVER RAMP		OVER RAMP					
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M			
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40					
9303	10.6	3.2	11.3	3.4	11.3	3.4	11.4	3.5					3.2	.056									
9304	12.0	3.7	11.5	3.5	11.1	3.4	11.3	3.4					3.7	.064									
9305	8.7	2.6	7.6	2.3	8.2	2.5	8.3	2.5					3.0	.052									
9307	10.2	3.1	10.2	3.1	11.9	3.6	11.6	3.5					3.2	.056									
9308	8.7	2.7	8.5	2.6	8.9	2.1	7.4	2.2					2.1	.037									
9309	8.3	2.8	8.8	2.7	11.0	3.3	9.8	3.0					3.4	.060									
9310	10.4	3.2	11.0	3.4	12.2	3.7	11.6	3.5					3.4	.058									
9312	4.1	1.2	8.9	2.7	9.2	2.8	8.7	2.7					3.1	.054									
9313	11.1	3.4	11.4	3.5	11.8	3.6	11.6	3.5					3.9	.068									
9314	8.8	2.7	9.9	3.0	8.7	2.7	9.7	2.9					2.8	.050									
9315	9.1	2.8	8.9	2.7	8.5	2.6	8.7	2.6					2.5	.043									
9316	7.5	2.3	11.8	3.6	10.3	3.1	11.1	3.4					3.7	.064									
9317	7.9	2.4	7.8	2.4	7.3	2.2	7.5	2.3					2.1	.037									
9318	9.5	2.9	10.1	3.1	9.3	2.8	9.7	3.0					3.2	.056									
9320	9.8	3.0	9.0	2.7	7.1	2.2	8.5	2.6	8.5	2.6			2.8	.050									
9321	7.5	2.3	7.3	2.2	8.3	2.5	7.6	2.3	7.1	2.1			2.6	.045									
9322	9.2	2.8	9.5	2.9	8.0	2.4	8.7	2.7					3.2	.056									
9323	8.9	2.7	8.1	2.5	8.4	2.6	8.3	2.5					2.5	.043									
9324	5.8	1.8	7.8	2.4	6.9	2.1	7.5	2.3					2.3	.039									
9325	6.1	1.9	5.4	1.7	5.7	1.7	5.6	1.7	5.5	1.7			2.0	.034									
9326	11.0	3.3	10.3	3.1	13.3	4.0	11.8	3.6					3.5	.061									
9328	11.2	3.4	12.3	3.7	12.2	3.7	12.2	3.7					4.2	.074									
9329	5.4	1.6	6.0	1.8	5.7	1.7	5.8	1.8					2.0	.034									
9331	8.5	2.9	9.7	3.0	6.4	2.0	9.2	2.8					3.2	.055									
9332	7.6	2.3	9.1	2.8	7.3	2.2	8.7	2.7					3.2	.056									
9333	7.8	2.4	8.8	2.7	7.9	2.4	8.7	2.6					2.5	.043									
9334	8.9	2.7	8.4	2.6	7.0	2.1	8.6	2.6					2.6	.046									
9335	12.8	3.9	11.5	3.5	12.7	3.9	11.7	3.6					3.5	.061									
9336	11.0	3.4	11.4	3.5	10.7	3.3	11.1	3.4					3.6	.062									
9338	9.8	3.0	8.2	2.5	10.3	3.1	9.2	2.8					2.5	.043									
9340	4.9	1.5	5.3	1.6	5.0	1.5	5.1	1.6					2.0	.034									
9341	11.0	3.4	10.8	3.3	10.3	3.1	10.6	3.2					3.3	.057									
9346	6.4	1.9	3.3	1.0	5.4	1.6	4.1	1.2	3.6	1.1			.9	.015									
9458	9.2	2.8	9.8	3.0	10.1	3.1	9.9	3.0					3.3	.058									
9460	5.7	1.7	6.6	2.0	7.4	2.3	6.7	2.0					2.0	.034									
9462	6.3	1.9	5.1	1.5	5.9	1.8	5.4	1.7					1.1	.020									
9464	8.8	2.7	8.3	2.5	10.4	3.2	9.3	2.8					2.9	.051									
9469	6.0	1.8	6.9	2.1	5.2	1.6	5.5	1.7					1.4	.025									
9472	6.8	2.1	7.4	2.3	7.9	2.4	7.7	2.3					2.4	.042									
9473	6.8	2.7	10.6	3.2	7.7	2.3	9.6	2.9					3.6	.063									

LANDING DATA - MODEL S-3

USS ENTERPRISE (CVN-65,

NIGHT LANDINGS

LNOG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT		
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BW	OVER RAMP		OVER RAMP		
		F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD		DEG	RAD		FT	M
	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
9474	6.0	1.8	5.5	1.7	7.8	2.4	6.0	1.8						1.6	.028				
9475	8.8	2.7	10.1	3.1	5.3	1.6	7.7	2.3						2.7	.048				
9477	7.7	2.3	8.5	2.9	8.3	2.5	8.8	2.7						3.1	.054				
9480	10.2	3.1	8.9	2.7	10.0	3.0	9.5	2.9						3.8	.067				
9481	5.5	1.7	8.8	2.7	7.6	2.4	8.3	2.5						2.3	.041				
9483	6.4	1.9	10.0	3.0	5.8	1.8	8.1	2.5						2.7	.047				
9542	7.0	2.4	7.1	2.2	7.2	2.2	7.1	2.2						2.1	.036				
9550	7.4	2.3	8.3	2.5	6.3	1.9	8.1	2.5						2.7	.048				
9560	7.3	2.2	8.6	2.6	8.9	2.7	9.3	2.8						3.0	.052				
9565	8.9	2.7	9.4	2.9	11.5	3.5	10.9	3.3						3.5	.060				
9568	10.1	3.1	10.4	3.2	10.4	3.2	10.2	3.1						3.9	.069				
9575	8.3	2.8	10.8	3.3	6.2	1.9	10.5	3.2						3.5	.062				
9587	6.0	1.8	7.4	2.3	7.6	2.3	7.5	2.3						3.4	.059				

LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS										
UNDO	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW				
	NO	TD	DEG	RAD	FF	TD	DEG	RAD	OR	DEG	RAD	DEG	RAD	FF	DEG	RAD	DEG	RAD	AT TD	DEG	RAD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61										
8317	5.5	.098			5.1	.099	-5	-.099																						
8321	4.7	.082			4.4	.077	2.0	.035																						
8329	4.7	.082					4.7	.042																						
9122	5.0	.087					1.1	.019																						
9127	3.3	.058					1.2	.021																						
9128	5.0	.087					2.5	.044																						
9129	3.2	.058					2.7	.047																						
9133	4.0	.070					.1	.002																						
9134	4.3	.075					-2.2	-.038																						
9135	5.1	.089					-5.3	-.092																						
9136	3.1	.054					-2.2	-.038																						
9138	4.6	.080					-2.7	-.047																						
9140	3.9	.068					-1.9	-.033																						
9143	4.8	.084					-3.5	-.061																						
9145	4.2	.073					1.1	.019																						
9148	5.7	.099					.9	.018																						
9150	5.8	.101					-1.2	-.021																						
9151	4.7	.082					2.2	.038																						
9153	4.2	.073					.2	.003																						
9157	3.9	.068					2.6	.045																						
9159	4.6	.080					-2.0	-.035																						
9160	6.1	.106					.2	.003																						
9161	5.4	.094					-2.2	-.038																						
9162	4.4	.077					2.4	.042																						
9163	4.7	.082					-6	-.018																						
9166	5.0	.087					-2.2	-.038																						
9167	5.5	.096					-3.1	-.054																						
9171	5.1	.089					1.6	.028																						
9172	3.6	.063					-1.2	-.021																						
9175	5.0	.087					-1	-.002																						
9176	6.1	.106					-3.5	-.061																						
9177	4.9	.086					-7	-.012																						
9184	4.8	.084					-1.5	-.026																						
9186	5.3	.092					-3.7	-.065																						
9193	7.5	.131					-3.3	-.058																						
9194	1.5	.028					-1.5	-.028																						
9197	4.2	.073					.2	.003																						
9198	5.0	.087					1.7	.036																						
9202	5.5	.096					-9	-.016																						
9204	4.6	.086					-1.2	-.021																						

LNOG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW				
	NO	TD	OR	DEG	RAD	TD	OR	DEG	RAD	FF	DEG	RAD	AT TD	DEG	RAD	DEG	RAD	AT TD	DEG	RAD	DEG	RAD	AT TD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61					
9206	4.3	.075					-1.7	-.030					.9	.016	10.2	.178	-2.7	-.047	3.4	.059					
9208	5.1	.089					-1.1	-.019					.7	.012	5.2	.091	-6.4	-.112	5.1	.089					
9211	6.6	.115					1.5	.026					1.8	.031	4.6	.080	-4.0	-.070	4.4	.077					
9212	6.6	.115					-1	-.002					1.8	.031	-7.2	-.126	-4.8	-.084	3.5	.061					
9213	2.9	.051					-4.7	-.082					0.0	0.000	-3.8	-.066	-3.8	-.066	6.4	.112					
9214	4.5	.079					-2.7	-.047					3.8	.066	6.4	.112	-4.5	-.079	1.5	.026					
9215	4.1	.072					-2.4	-.042					-2.1	-.037	2.2	.038	-2.8	-.049	-1.1	-.019					
9216	5.5	.096					0.0	0.000					-1.0	-.017	3.1	.054	-3.7	-.065	2.0	.035					
9217	6.4	.112					-4.9	-.086					0.0	0.000	7.1	.124	-1.5	-.026	5.8	.101					
9218	4.7	.082					-2.7	-.047					-1.0	-.017	-1.5	-.026	-5.5	-.096	1.7	.030					
9219	4.5	.079					-4.2	-.073					3.5	.061	3.5	.061	-5.0	-.087	.7	.012					
9221	5.7	.099					-3.9	-.068					.4	.007	-7.7	-.134	-4.2	-.073	.9	.016					
9222	5.7	.099					.2	.003					.6	.010	3.6	.063	-3.7	-.065	3.0	.052					
9226	3.6	.063					1.1	.019					0.0	0.000	2.6	.045	-3.6	-.063	4.9	.086					
9228	8.3	.145					-1.3	-.023					2.1	.037	2.5	.044	-2.0	-.035	-1	-.002					
9230	4.5	.079					-1.3	-.023					-3.5	-.061	6.4	.112	-2.5	-.044	5.5	.096					
9231	4.7	.082					-1.2	-.021					-2.0	-.035	6.5	.113	-3.0	-.052	-2.0	-.035					
9232	7.0	.122					-2.4	-.042					-1.4	-.024	-1	-.002	-2.3	-.040	6.3	.110					
9234	6.0	.105					-1.9	-.033					.8	.014	1.8	.031	-2.3	-.040	-1.3	-.023					
9235	4.9	.086					.6	.010					-1.4	-.024	-3.8	-.066	-3.1	-.054	-2.7	-.047					
9236	5.3	.092					-7	-.012					-3.5	-.061	-7	-.012	-4.7	-.082	-7	-.012					
9237	4.7	.082					1.2	.021					-1	-.002	-8.1	-.141	-6.3	-.110	2.6	.045					
9238	6.0	.120					-3	-.005					0.0	0.000	-3.1	-.054	-2.2	-.038	4.1	.072					
9239	3.5	.061					-1.3	-.023					-2.5	-.044	-6.0	-.105	-4.5	-.079	4.4	.077					
9241	3.2	.056					-2.3	-.040					4.5	.079	2.6	.045	-6.7	-.117	2.6	.049					
9242	5.0	.087					-4.6	-.080					-6.2	-.108	2.0	.035	-1.8	-.031	-4.4	-.077					
9244	7.3	.127					-2.0	-.035					.2	.003	0.0	0.000	-2.9	-.051	-8	-.014					
9245	5.0	.087					-9	-.016					-5.2	-.091	-3.3	-.058	-3.2	-.056	.5	.009					
9246	4.4	.077					-4	-.007					-1.9	-.033	2.6	.045	-3.5	-.061	.5	.009					
9249	3.1	.054					-1.7	-.030					.7	.012	6.8	.119	-4.6	-.080	4.2	.073					
9251	6.2	.106					-3.6	-.063					-7.3	-.127	-8.4	-.147	-5.2	-.091	1.9	.033					
9259	2.8	.049					-6	-.010					-2.1	-.037	1.2	.021	-3.8	-.066	-1.3	-.023					
9264	3.9	.068					-2.5	-.044					1.7	.030	-6.6	-.115	-3.6	-.063	-7	-.012					
9265	4.8	.084					-1.0	-.017					-5	-.009	-5	-.009	-3.0	-.052	-8	-.014					
9266	5.3	.092					-8	-.014					-2.8	-.049	14.5	.253	-2.1	-.037	-2.2	-.038					
9267	4.2	.073					-3.0	-.052					-2	-.003	-1	-.002	-3.2	-.056	0.0	0.000					
9268	5.6	.098					-1.7	-.030					-2.8	-.049	-6.9	-.120	-3.3	-.058	2.1	.037					
9269	3.3	.058					-1.3	-.023					-5	-.009	.3	.005	-3.1	-.054	1.0	.017					
9300	2.4	.042					.8	.014					2.4	.042	-2.0	-.035	-4.1	-.072	.5	.009					
9301	5.1	.089					1.5	.026					-1.0	-.017	.4	.007	-4.0	-.070	.9	.016					

LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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	TD	OR	FF	DEG	RAD	TD	OR	DEG	RAD	FF	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD



LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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	TD	OR	DEG	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	DEG	RAD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD

LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
LNDG NO.	OFF-CENTER	RAMP TO TD	WIRE SIDE	LNDG NO.	TYPE	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC		ARR GEAR	REREAD															
	DISTANCE	DISTANCE	NO.	NO.		CODE	SPEED					PRESSURE	RUNOUTS	NUMBER															
FT	M	FT	M				KN	M/S	DEG	RAD	DEG	RAD	F	C	IN HG	MM HG	IN	CM											
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
8317	1	0	346	105	4	740	50120	3	2	-1	-0.002	1.3	.023	68	20	29.89	759.2	169	429.3	0									
8321	-6	-2	333	101	4	744	50200	3	2	-1	-0.002	.2	.003	68	20	29.89	759.2	169	429.3	0									
8329	-2	-1	302	92	4	740	50200	3	2	-4	-0.007	-6	-.010	68	20	29.89	759.2	168	426.7	0									
9122	-6	-3	260	79	3	740	50120	3	2	-4	-0.007	1.9	.033	63	17	29.91	759.7	169	429.3	0									
9127	-12	-4	243	74	3	736	50200	3	2	-2	-0.003	-5	-.009	63	17	29.91	759.7	169	429.3	0									
9128	-6	-3	232	71	3	740	50200	3	2	-3	-0.005	1.9	.033	63	17	29.91	759.7	169	429.3	0									
9129	-20	-6	202	62	2	724	50200	3	2	-4	-0.007	-9	-.016	63	17	29.91	759.7	167	424.2	1									
9133	-16	-5	238	73	2	736	50120	3	2	-1	-0.002	1.4	.024	63	17	29.91	759.7	169	429.3	1									
9134	-5	-2	329	100	2	725	70100	3	2	-1	-0.002	1.7	.030	63	17	29.91	759.7	0	0.0	0									
9135	-10	-5	216	66	2	745	50100	4	2	-1	-0.002	.8	.014	63	17	29.91	759.7	169	429.3	1									
9136	-27	-8	204	62	2	724	50100	4	2	-6	-0.018	.7	.012	63	17	29.91	759.7	167	424.2	2									
9138	-15	-5	257	78	3	740	50100	4	2	-4	-0.007	-2	-.003	63	17	29.91	759.7	169	429.3	0									
9140	-20	-6	245	75	3	747	50100	4	2	-4	-0.007	.9	.016	63	17	29.91	759.7	170	431.8	1									
9143	-18	-5	262	80	3	745	50100	4	2	-4	-0.007	1.2	.021	63	17	29.91	759.7	169	429.3	0									
9145	-14	-4	253	77	2	724	50120	4	2	-3	-0.005	-6	-.010	63	17	29.91	759.7	169	429.3	0									
9146	-12	-4	252	77	3	740	50120	4	2	-3	-0.005	-9	-.016	63	17	29.91	759.7	168	426.7	0									
9150	-12	-4	258	79	3	725	50100	4	2	-6	-0.018	-1.5	-.026	63	17	29.91	759.7	168	426.7	0									
9151	-13	-4	246	75	3	724	50200	4	2	-1	-0.002	-2.2	-.038	63	17	29.91	759.7	167	424.2	0									
9153	-16	-5	212	65	2	736	50120	4	2	-2	-0.003	-1.5	-.026	63	17	29.91	759.7	167	424.2	1									
9157	-12	-4	243	74	3	747	50200	4	2	-1	-0.002	.9	.016	63	17	29.91	759.7	169	429.3	0									
9159	-8	-3	297	91	2	725	50100	4	2	-1	-0.002	-8	-.014	63	17	29.91	759.7	167	424.2	0									
9160	-10	-3	273	83	3	747	50100	4	2	-4	-0.007	.1	.002	63	17	29.91	759.7	169	429.3	0									
9161	-13	-4	275	84	2	740	50100	4	2	-3	-0.005	-1	-.002	63	17	29.91	759.7	167	424.2	0									
9162	-17	-5	234	71	3	724	50200	4	2	-3	-0.005	-8	-.014	63	17	29.91	759.7	168	426.7	1									
9163	-10	-3	278	85	2	736	50170	4	2	.1	.002	.6	.010	63	17	29.91	759.7	167	424.2	0									
9166	-7	-2	281	86	2	725	50100	4	2	0.0	0.000	1.4	.024	63	17	29.91	759.7	167	424.2	0									
9167	-7	-2	296	90	4	745	50100	4	2	-5	-0.009	-3.6	-.063	63	17	29.91	759.7	169	429.3	0									
9171	-16	-5	225	69	2	724	50200	4	2	-3	-0.005	-1.2	-.021	63	17	29.91	759.7	167	424.2	1									
9172	-11	-3	300	91	4	747	50200	4	2	-4	-0.007	-5	-.009	63	17	29.91	759.7	168	426.7	0									
9175	-12	-4	235	72	2	736	50120	4	2	-7	-0.012	-2.7	-.047	63	17	29.91	759.7	168	426.7	0									
9176	-14	-4	273	83	3	725	50100	4	2	-4	-0.007	-1.2	-.021	63	17	29.91	759.7	169	429.3	0									
9177	-4	-1	323	98	4	745	50120	4	2	-3	-0.005	1.2	.021	63	17	29.91	759.7	169	429.3	0									
9184	-16	-5	283	86	4	745	60100	4	2	-7	-0.012	-3.1	-.054	63	17	29.91	759.7	0	0.0	1									
9186	-18	-5	290	88	4	745	50100	4	2	-7	-0.012	-3	-.005	63	17	29.91	759.7	168	426.7	1									
9193	-19	-6	196	68	1	744	70100	3	2	-6	-0.010	-1.6	-.028	63	17	29.91	759.7	0	0.0	1									
9194	-8	-2	240	73	727	70300	3	2	-2	-0.003	-5	-.009	63	17	29.91	759.7	0	0.0	0										
9197	-11	-3	293	89	744	50120	3	2	-7	-0.012	-7	-.012	63	17	29.91	759.7	0	0.0	0										
9198	-6	-2	336	102	727	60200	3	2	-6	-0.010	-4	-.007	63	17	29.91	759.7	0	0.0	0										
9202	-5	-2	301	92	744	50100	3	2	-4	-0.007	-7	-.012	63	17	29.91	759.7	0	0.0	0										
9204	-10	-3	271	83	3	727	50100	3	2	-2	-0.003	-7	-.012	63	17	29.91	759.7	169	429.3	0									

LNGC NO.	OFF-CENTER			RAMP TO TD			WIRE	NO.	SIDE	LNGC NO.	TYPE	FLAP	SHIP SPEED			DECK PITCH			DECK ROLL			TEMP	BAROMETRIC			ARR	GEAR	REREAD
	FT	M	DISTANCE	FT	M	DISTANCE							KN	M/S	DEG	RAD	DEG	RAD	F	C	IN HG		MM HG	IN	CM			
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82								
0206	-2	-1	335	102		741	70100	3	2	-2	-003	-003	-6	-010	63	17	29.91	759.7	0	0.0	0							
0206	-5	-2	274	84	3	745	50100	3	2	-1	-002	-002	-9	-016	63	17	29.91	759.7	170	431.8	0							
0211	-4	-1	311	95	4	735	50200	3	2	-2	-003	-003	-4	-007	63	17	29.91	759.7	168	426.7	0							
0212	-15	-5	224	60	1	747	50200	3	2	1	002	002	-6	-010	63	17	29.91	759.7	168	426.7	1							
0213	-12	-4	311	95	4	741	50100	3	2	-4	-007	-007	-9	-016	63	17	29.91	759.7	168	426.7	0							
0214	-8	-2	276	84	3	727	50100	3	2	-2	-003	-003	-8	-014	63	17	29.91	759.7	168	429.3	0							
0215	-8	-2	283	86	4	744	50100	3	2	-4	-007	-007	-1	-002	63	17	29.91	759.7	168	426.7	0							
0216	-10	-3	281	86		735	60120	3	2	-6	-010	-010	-9	-016	63	17	29.91	759.7	0	0.0	0							
0217	-16	-5	297	91	3	747	50100	3	2	-5	-009	-009	-2.4	-042	63	17	29.91	759.7	169	429.3	1							
0218	-4	-1	289	88	4	745	50100	3	2	-6	-010	-010	-5	-009	63	17	29.91	759.7	169	429.3	0							
0219	-5	-2	282	86	4	727	50100	3	2	-2	-003	-003	3	005	63	17	29.91	759.7	167	424.2	0							
0221	-14	-4	238	73	2	744	50100	3	2	-3	-005	-005	-8	-014	63	17	29.91	759.7	168	426.7	0							
0222	-8	-3	292	89		735	60200	3	2	-3	-005	-005	-7	-012	63	17	29.91	759.7	0	0.0	0							
0228	-1	0	341	104		727	60200	3	2	-6	-010	-010	-1.2	-021	63	17	29.91	759.7	0	0.0	0							
0229	-11	-3	224	68	2	735	50120	3	2	-6	-010	-010	-3	-005	63	17	29.91	759.7	169	429.3	0							
0230	4	1	337	103		745	60100	3	2	-1	-002	-002	-4	-007	63	17	29.91	759.7	0	0.0	0							
0231	-8	-2	299	91		741	60120	3	2	-3	-005	-005	8	014	63	17	29.91	759.7	0	0.0	0							
0232	-13	-4	312	95	3	747	60100	3	2	-6	-010	-010	-1.8	-031	63	17	29.91	759.7	168	426.7	1							
0234	-12	-4	278	85	3	745	50100	3	2	-6	-010	-010	-6	-010	63	17	29.91	759.7	170	431.8	0							
0235	-7	-2	281	86	3	741	50200	3	2	-3	-005	-005	-5	-009	63	17	29.91	759.7	168	426.7	0							
0236	-4	-1	301	92		744	70120	3	2	-8	-014	-007	-1.8	-031	63	17	29.91	759.7	0	0.0	0							
0237	-6	-2	250	76	3	727	50200	3	2	-4	-007	-007	-1	-002	63	17	29.91	759.7	169	429.3	0							
0238	-8	-2	329	100		735	60120	3	2	0	0.000	0.000	-1	-002	63	17	29.91	759.7	0	0.0	0							
0239	-10	-5	261	80		744	50100	3	2	-7	-012	-002	-4	-007	63	17	29.91	759.7	170	431.8	1							
0241	-5	-2	297	91	4	744	50100	3	2	-1	-002	-002	-1.7	-030	63	17	29.91	759.7	167	424.2	0							
0242	-9	-3	258	79	3	741	50100	3	2	-5	-009	-009	-2.7	-047	63	17	29.91	759.7	168	426.7	0							
0244	-12	-4	224	68	2	735	50100	3	2	-6	-010	-010	-2.3	-040	63	17	29.91	759.7	168	426.7	0							
0245	-12	-4	271	83	3	747	50100	3	2	-2	-003	-003	-1.9	-033	63	17	29.95	760.7	167	424.2	0							
0246	-8	-2	272	83		727	70120	3	2	-4	-007	-007	-1.8	-031	63	17	29.95	760.7	0	0.0	0							
0246	-12	-4	241	73	3	727	50120	3	2	-6	-010	-010	-8	-014	63	17	29.95	760.7	168	426.7	0							
0251	-13	-4	267	81	3	745	50120	3	2	-5	-009	-009	0	0.000	63	17	29.95	760.7	167	424.2	0							
0250	-8	-3	231	70	2	745	50200	3	2	-1	-002	-002	-1	-002	63	17	29.95	760.7	167	424.2	0							
0294	-15	-5	230	70	2	741	50100	7	4	-3	-005	-005	-3	-005	63	17	29.89	759.2	170	431.8	0							
0295	-12	-4	286	87		743	70120	4	2	-3	-005	-005	-1	-002	68	20	29.89	759.2	0	0.0	0							
0296	-12	-4	210	64		735	70120	4	2	-4	-007	-007	2.1	037	68	20	29.89	759.2	0	0.0	0							
0297	-12	-4	243	74	3	737	50100	4	2	0	0.000	0.000	-1.7	-030	68	20	29.89	759.2	169	429.3	0							
0298	-13	-4	256	76		744	70100	4	2	-3	-005	-005	-1.7	-030	68	20	29.89	759.2	0	0.0	0							
0299	-10	-3	268	82	3	745	50100	4	2	-5	-009	-009	0	0.000	68	20	29.89	759.2	169	429.3	0							
0300	-4	-1	305	93		741	70200	4	2	-2	-003	-003	9	016	68	20	29.89	759.2	0	0.0	0							
0301	-5	-2	270	82	3	735	50200	4	2	-1	-002	-002	1.1	019	68	20	29.89	759.2	169	429.3	0							

LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
UNDC	OFF-CENTER	RAMP TO TD	WIRE SIDE	UNDC	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC	ARR GEAR	REREAD																	
NO.	DISTANCE	DISTANCE	NO. NO.	TYPE	CODE	SPEED	DEG	RAD	F	C	IN HG	MM HG	IN	CM	RUNOUTS	NUMBER													
FT	M	FT	M				KN	M/S	DEG	RAD	75	76	77	78	79	80	81	82											
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
9303	-14	-4	258	79	3	737	50100		4	2	-6	-010	-1.7	-030	68	20	29.89	759.2	170	431.8	0								
9304	-17	-5	154	47	2	741	50120		4	2	-3	-005	-1	-002	68	20	29.89	759.2	169	429.3	1								
9305	-12	-4	195	50	2	745	50200		4	2	0	0.000	-6	-010	68	20	29.89	759.2	169	429.3	0								
9307	-6	-2	274	84	3	735	50200		4	2	-7	-012	-4	-007	68	20	29.89	759.2	169	429.3	0								
9308	-13	-4	260	82		737	70200		4	2	-4	-007	-7	-012	68	20	29.89	759.2	0	0.0	0								
9309	-10	-3	308	94	744	70100			4	2	-5	-009	-3	-005	68	20	29.89	759.2	0	0.0	0								
9310	-18	-5	262	80	3	737	50120		3	2	-7	-012	-3	-005	68	20	29.89	759.2	170	431.8	1								
9312	-6	-2	263	80	3	740	50200		3	2	-2	-003	0.0	0.000	68	20	29.89	759.2	169	429.3	0								
9313	-10	-3	336	102	744	70120			3	2	-5	-009	-5	-009	68	20	29.89	759.2	0	0.0	0								
9314	-17	-5	253	77	3	745	50100		3	2	-7	-012	-6	-010	68	20	29.89	759.2	170	431.8	1								
9315	-10	-3	283	86	741	70120			3	2	-7	-012	-9	-016	68	20	29.89	759.2	0	0.0	0								
9316	-3	-1	309	94	4	735	50120		3	2	-4	-007	-7	-012	68	20	29.89	759.2	168	426.7	0								
9317	-11	-3	301	92	3	737	50120		3	2	-6	-010	-4	-007	68	20	29.89	759.2	170	431.8	0								
9318	-8	-2	325	99	744	70120			3	2	-5	-009	0.0	0.000	68	20	29.89	759.2	0	0.0	0								
9320	-11	-3	256	78	2	741	50100		3	2	-4	-007	-1	-002	68	20	29.89	759.2	168	426.7	0								
9321	-11	-3	297	91	3	745	50100		3	2	-3	-005	-7	-012	68	20	29.89	759.2	171	434.3	0								
9322	-6	-2	323	98	4	737	50120		3	2	-1	-002	-5	-009	68	20	29.89	759.2	168	426.7	0								
9323	-5	-2	327	100	741	60120			3	2	-7	-012	-8	-014	68	20	29.89	759.2	0	0.0	0								
9324	-12	-4	258	79	3	740	50200		3	2	-3	-005	-1.4	-024	68	20	29.89	759.2	169	429.3	0								
9325	-6	-2	332	101	4	741	50120		3	2	-2	-003	-3	-005	68	20	29.89	759.2	169	429.3	0								
9326	-13	-4	321	98	735	70120			3	2	-6	-010	-1.4	-024	68	20	29.89	759.2	0	0.0	0								
9328	-11	-3	257	78	3	735	50120		3	2	-4	-007	-6	-010	68	20	29.89	759.2	170	431.8	0								
9329	-3	-1	331	101	744	70120			3	2	-2	-003	-4	-007	68	20	29.89	759.2	0	0.0	0								
9331	-13	-4	327	100	741	60100			3	2	-2	-003	-8	-014	68	20	29.89	759.2	0	0.0	1								
9332	-3	-1	330	101		745	70100		3	2	-1	-002	-2	-003	68	20	29.89	759.2	0	0.0	0								
9333	-21	-6	240	73	2	744	50100		3	2	-6	-010	-3	-005	68	20	29.89	759.2	169	429.3	1								
9334	-13	-4	271	83	3	741	50100		3	2	-4	-007	-9	-016	68	20	29.89	759.2	168	426.7	0								
9335	-18	-5	255	78	3	735	50100		3	2	-3	-005	-1	-002	68	20	29.89	759.2	170	431.8	1								
9336	-6	-2	223	88	2	745	50120		3	2	-6	-010	-3	-005	68	20	29.89	759.2	168	426.7	0								
9338	-15	-5	207	63	2	737	50100		3	2	-5	-009	-3	-005	68	20	29.89	759.2	168	426.7	1								
9340	-13	-4	310	94	4	744	50100		3	2	-1	-002	-3	-005	68	20	29.89	759.2	169	429.3	0								
9341	-9	-3	265	81	3	745	50120		3	2	-6	-010	-9	-016	68	20	29.89	759.2	169	429.3	0								
9346	-18	-5	283	86	3	744	60100		3	2	-6	-010	-1	-002	68	20	29.89	759.2	169	429.3	1								
9458	-12	-4	320	98	4	725	50120		7	4	-4	-007	-5	-009	71	22	29.90	759.5	167	424.2	0								
9460	-9	-3	267	81	3	755	50200		7	4	-6	-010	-7	-012	71	22	29.90	759.5	169	429.3	0								
9462	-22	-7	235	72	2	737	50100		7	4	-7	-012	-3	-005	71	22	29.90	759.5	169	429.3	2								
9464	-13	-4	281	86	4	725	50100		7	4	-5	-009	-2	-003	71	22	29.90	759.5	168	426.7	1								
9469	-13	-4	335	102	737	60200			7	4	-5	-009	-8	-014	71	22	29.90	759.5	0	0.0	0								
9472	-15	-5	301	92	4	737	50120		7	4	-5	-009	-7	-012	71	22	29.90	759.5	168	426.7	0								
9473	-14	-4	313	95	7	725	60100		7	4	-5	-009	0.0	0.000	71	22	29.90	759.5	0	0.0	0								

LANDING DATA - MODEL S-3										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS									
LNOG NO.	OFF-CENTER		RAMP TO TD	WIRE	SIDE	LNOG NO.	TYPE	FLAP	SHIP	DECK PITCH				DECK ROLL	TEMP	BAROMETRIC				ARR GEAR	REREAD								
	DISTANCE	FT								M	FT	M	KN			M/S	DEG	RAD	DEG			RAD	F	C	IN HG	MM HG	IN	CM	
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
9474	-15	-5	309	94	4	737	50100		7	4	-6	-010	-4	-007	71	22	29.90	759.5	167	424.2	0								
9475	-13	-4	294	90		725	50100		7	4	-1	-002	1.1	.019	71	22	29.90	759.5	0	0.0	0								
9477	-15	-5	310	94	4	725	50100		7	4	-2	-003	-7	-012	71	22	29.90	759.5	168	426.7	0								
9480	-13	-4	338	103		725	50120		7	4	-4	-007	.7	.012	71	22	29.90	759.5	0	0.0	0								
9481	-13	-4	231	70	2	755	50120		7	4	-6	-010	-4	-007	71	22	29.90	759.5	167	424.2	1								
9483	-9	-3	265	81	3	725	50200		7	4	-2	-003	2.2	.038	71	22	28.90	759.5	169	428.3	0								
9542	-11	-3	320	98	4	735	50120		4	2	-5	-009	-7	-012	71	22	29.92	760.0	168	426.7	0								
9556	-8	-2	322	98		740	50100		5	3	-4	-007	.2	.003	71	22	29.93	760.2	0	0.0	0								
9560	-10	-3	297	91	4	740	50100		5	3	-5	-009	-6	-010	71	22	29.93	760.2	168	426.7	0								
9565	-14	-4	257	78	3	735	50100		5	3	-5	-009	-9	-016	71	22	29.93	760.2	169	429.3	0								
9568	-10	-3	313	95		740	50100		5	3	-2	-003	.2	.003	71	22	29.93	760.2	0	0.0	0								
9575	-16	-5	249	78	3	740	50100		5	3	-3	-005	.6	.010	71	22	29.93	760.2	169	429.3	0								
9587	3	1	327	100	4	740	50200		5	3	-2	-003	.1	.002	71	22	29.93	760.2	168	426.7	0								

**RA-3B DAY**

LANDING DATA - MODEL RA-3B										USS ENTERPRISE (CVA-65)										DAY LANDINGS									
LNDG NO.	VPAF TD	VE-FLTM		WIND-VEL		PAR.		PERP.	VEOR	VPAMIN		VSP'A		KVPA	KV	LIFT		LIFT		LIFT		TD		FF		LBS		KG	
		KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S			KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21									
104	128	66	163	53	25	13	2	1	94	48	115	59			1.11		1.10		50100	22725									
105	123	63	98	50	25	13	2	1	96	49	115	59			1.07		.90		50100	22725									
106	125	64	100	51	25	13	2	1	100	51	115	59			1.09		1.00		50000	22600									
109	135	69	110	57	25	13	2	1	106	55	115	59			1.17		1.20		49600	22499									
113	119	61	97	50	22	11	2	1	88	45	114	59			1.05		1.20		48800	22136									
117	122	63	98	50	24	12	2	1	97	50	113	58			1.09		1.00		47600	21591									
119	132	68	108	56	24	12	2	1	100	51	114	59			1.16		1.20		48400	21954									
120	120	62	96	49	24	12	2	1	94	48	112	58			1.07		.90		47100	21365									
123	127	65	106	55	21	11	1	1	96	49	112	58			1.13		1.30		47100	21365									
125	122	63	101	52	21	11	1	1	99	51	110	57			1.11		1.00		45200	20503									
127	124	64	99	51	25	13	2	1	100	51	115	59			1.07		1.00		50100	22725									
128	131	67	106	55	25	13	2	1	107	55	108	56			1.22		1.10		43500	19732									
130	123	63	98	50	25	13	2	1	94	48	115	59			1.07		1.00	1.10	49500	22453									
134	121	62	98	50	23	12	2	1	102	52					1.30		1.30												
137	118	61	95	49	23	12	2	1	88	45	114	59			1.04		1.10		48500	22000									
138	120	66	105	54	23	12	2	1	99	51	113	58			1.13		1.20		48300	21909									
143	119	61	96	49	23	12	2	1	90	46	112	58			1.07		1.10	1.10	47100	21365									
146	129	68	106	55	23	12	2	1	102	52	111	57			1.17		1.20		46300	21002									
148	130	67	105	54	25	13	2	1	112	58	111	57			1.17		1.00		46600	21138									
155	120	62	95	49	25	13	2	1	103	53	110	57			1.08		1.10		45700	20730									
455	126	65	98	50	28	14	5	3	101	52	115	59			1.09		1.00		50100	22725									
457	126	65	98	50	28	14	5	3	100	56	115	59			1.09		1.10		49600	22499									
459	123	63	95	49	28	14	5	3	99	51	114	59			1.07		1.10		49100	22272									

## LANDING DATA - MODEL RA-38 USS ENTERPRISE (CVN-65) DAY LANDINGS

UNCG	AIRCRAFT SINKING SPEED AT TOUCHDOWN								GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT			
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP		
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
104	8.8	2.7	8.5	2.6	8.4	2.6	8.4	2.6			3.5	.061	2.5	.043	14.8	4.5	11.5	3.5
105	9.9	3.0	8.0	2.4	10.4	3.2	10.4	3.2			3.2	.056	3.4	.059	17.2	5.2	13.8	4.2
106	9.1	2.8	6.1	1.9	6.9	2.1	6.6	2.0			2.6	.046	2.0	.035	14.3	4.4	10.5	3.2
109	13.0	4.0	13.3	4.1	13.7	4.2	13.5	4.1			5.2	.090	4.0	.069	21.1	6.4	17.6	5.4
113	10.3	3.1	10.9	3.3	11.5	3.5	11.2	3.4			4.9	.085	3.9	.068	19.4	5.9	16.1	4.9
117	12.2	3.7	11.5	3.6	11.8	3.6	11.6	3.5			4.1	.071	3.9	.068	17.1	5.2	13.7	4.2
119	8.1	2.5	8.5	2.8	8.1	2.5	8.3	2.5			3.2	.055	2.4	.042	17.8	5.4	14.9	4.5
120	12.8	3.9	13.2	4.0	14.0	4.3	13.7	4.2			3.9	.068	4.6	.081	17.1	5.2	13.9	4.2
123	11.4	3.5	10.6	3.2	10.1	3.1	10.4	3.2			4.3	.076	3.0	.053	18.8	5.7	16.0	4.9
125	10.8	3.3	10.1	3.1	10.0	3.1	10.1	3.1			3.9	.068	3.4	.059	18.1	5.5	14.8	4.5
127	10.1	3.1	7.8	2.4	9.0	2.7	8.3	2.5			2.5	.044	2.3	.041	14.7	4.5	11.2	3.4
128	11.0	3.4	9.4	2.8	9.4	2.9	9.4	2.9			3.3	.057	2.8	.049	14.2	4.3	11.2	3.4
130	7.7	2.3	5.9	1.8	5.1	1.5	5.6	1.7	5.1	1.6	2.4	.043	1.8	.032	12.2	3.7	8.4	2.5
134	8.9	2.7	11.7	3.6	11.5	3.5	11.6	3.5			5.0	.088	4.0	.070	13.6	4.1	9.8	3.0
137	11.6	3.5	12.3	3.8	12.7	3.9	12.6	3.8			4.2	.072	4.0	.070	20.0	6.1	16.5	5.0
138	10.0	3.0	9.6	2.9	9.0	2.7	9.3	2.8			4.1	.072	2.9	.051	18.9	5.8	16.1	4.9
143	7.2	2.2	10.3	3.1	9.8	3.0	10.0	3.1	10.1	3.1	4.1	.071	3.3	.058	16.7	5.1	13.1	4.0
146	8.1	2.5	6.3	1.9	6.3	1.9	6.3	1.9			2.9	.051	1.7	.030	12.9	3.9	9.8	3.0
148	12.9	3.9	12.9	3.9	13.4	4.1	13.2	4.0			3.7	.064	3.7	.065	21.2	6.5	18.8	5.7
155	9.6	2.9	9.9	3.0	8.8	2.7	9.4	2.9			3.7	.065	3.4	.059	21.8	6.6	18.2	5.5
455	10.8	3.3	10.8	3.3	10.3	3.1	10.4	3.2			3.5	.061	3.2	.056	16.8	5.1	13.5	4.1
457	11.2	3.4	9.8	3.0	10.2	3.1	10.0	3.0			3.9	.068	3.3	.057	16.8	5.1	12.9	3.9
459	10.8	3.3	9.6	2.9	9.4	2.9	9.5	2.9			3.4	.059	2.9	.051	19.3	5.9	15.7	4.8



## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL RA-38

LNO	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG
41	42	3.5	.061	3.1	.054	-6	-.010	-2.4	-.042	3.9	.068	.5	.009	-2.7	-.047	8.6	.150							
104	105	1.0	.028	3.8	.066	1.1	.019	-5	-.009	.8	.014	-1	-.002	-4.1	-.072	8.6	.150							
106	107	1.8	.031	5.4	.094	1.5	.028	-3.8	-.066	5.4	.094	-3.4	-.059	-2.9	-.051	1.0	.017							
108	109	3.2	.056	2.1	.037	.5	.009	-3	-.005	-1.2	-.021	-2.5	-.044	-2.7	-.047	-1	-.002							
113	114	2.3	.040	1.8	.031	-1.1	-.019	-1.4	-.024	-1.0	-.017	-3.4	-.059	-3.0	-.052	6.2	.108							
117	118	2.0	.035	2.9	.051	-1.2	-.021	-1.6	-.028	1.3	.023	-1.7	-.030	-2.2	-.038	3.2	.056							
119	120	2.1	.037	2.6	.045	1.0	.017	1.9	.033	1.1	.019	1.8	.031	-3.3	-.058	3.8	.066							
120	121	2.0	.035	2.9	.051	-3.0	-.052	1.1	.019	-1.0	-.017	-5.5	-.096	-4.0	-.070	7.9	.136							
123	124	2.8	.049	1.2	.021	.7	.012	1.7	.030	2.0	.035	3.0	.052	.2	.003	3.2	.058							
125	126	2.3	.040	2.7	.047	-9	-.016	0.0	0.000	1.5	.026	.3	.005	-5.7	-.099	9.4	.164							
127	128	3.4	.059	4.8	.094	-1.2	-.021	-2.8	-.049	3.4	.059	-5.3	-.092	-2.4	-.042	3.4	.059							
128	129	2.1	.037	2.8	.049	1.5	.026	-1.8	-.031	3.4	.059	-2	-.003	-3.5	-.061	10.4	.181							
130	131	4.3	.075	5.6	.098	-5.1	-.089	-3.6	-.063	-4.7	-.082	6.0	.105	2.9	.051	-5.0	-.087	8.8	.154					
134	135	5.5	.096	3.0	.052	-2.2	-.038	-1.1	-.019	-1.7	-.030	1.2	.021	-5.5	-.096	11.1	.194							
137	138	2.9	.051	3.0	.052	-1.4	-.024	-8	-.014	1.8	.031	-5	-.009	-3.5	-.061	7.0	.122							
138	139	2.5	.044	1.3	.023	-1.4	-.024	-2.7	-.047	5.8	.101	3.2	.056	-4.8	-.084	9.9	.173							
143	144	4.5	.079	3.4	.059	-2.3	-.040	-6	-.010	-1.9	-.033	-4.6	-.080	2.6	.045	-1.8	-.031	5.4	.094					
146	147	3.0	.052	3.2	.056	-1.8	-.031	-5	-.009	4.0	.070	.1	.002	-3.6	-.063	9.1	.159							
148	149	1.0	.017	.8	.014	-8	-.014	-1.0	-.017	-4	-.007	-2.7	-.047	-2.7	-.047	5.7	.099							
155	156	2.7	.047	3.7	.065	-1.1	-.019	-1.7	-.030	.6	.010	5.8	.101	-3.1	-.054	8.0	.140							
455	456	3.8	.066	3.3	.058	1.9	.033	-7	-.012	.7	.012	1.3	.023	-3.5	-.061	7.1	.124							
457	458	4.6	.080	4.4	.077	1.2	.021	0.0	0.000	4.7	.082	-2.5	-.044	-3.4	-.059	7.0	.122							
459	460	3.6	.063	4.1	.072	-1.6	-.028	-4	-.007	2.9	.051	.9	.016	-4.2	-.073	6.0	.105							

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL RA-38

UNDG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	LDNG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC	ARR	GEAR	REARREAD						
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	DEG	RAD	DEG	RAD	F	C	IN	HG	MM	HG	IN	CM	RUNOUTS	NUMBER	
FT	M	FT	M				KN	M/S	DEG	RAD	DEG	RAD	F	C	IN	HG	MM	HG	IN	CM		
62	83	84	85	86	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82		
104	-17	-5	216	86		122	70120	3	2	-3	-.005	-.2	-.003	59	15	30.15	765.8	0	0.0	1		
105	-5	-2	282	86		124	70200	3	2	-2	-.003	-.1	-.002	59	15	30.15	765.8	0	0.0	1		
106	-8	-2	281	86		122	60230	3	2	-2	-.003	-.7	-.012	59	15	30.15	765.8	0	0.0	0		
109	-12	-4	218	86		124	60120	3	2	-2	-.003	-.1	-.002	59	15	30.15	765.8	0	0.0	0		
113	-5	-2	221	87	2	124	50120	3	2			59	15	30.15	765.8	0	0.0	0	0	0		
117	-6	-2	226	88	2	124	50123	4	2	-1	-.002	-.4	-.007	59	15	30.15	765.8	0	0.0	1		
119	-4	-1	292	89	2	122	50120	4	2	-2	-.003	-.1	-.002	59	15	30.15	765.8	0	0.0	0		
120	-10	-3	229	70	3	124	50100	4	2	-2	-.003	-.2	-.003	59	15	30.15	765.8	0	0.0	1		
123	-12	-4	223	88	2	122	50120	4	2	-3	-.005	-.3	-.005	59	15	30.15	765.8	0	0.0	1		
125	-4	-1	256	78	3	124	50123	4	2			59	15	30.15	765.8	0	0.0	1				
127	-8	-2	268	82	3	122	50100	4	2	-5	-.009	-1.4	-.024	59	15	30.06	763.5	170	431.8	1		
128	-13	-4	224	88	2	124	50200	4	2	-2	-.003	-.4	-.007	59	15	30.06	763.5	170	431.8	1		
130	-9	-3	262	80	2	122	50100	4	2	-1	-.002	-.6	-.010	59	15	30.06	763.5	170	431.8	1		
134	-15	-5	147	45		122	60120	4	2			60	16	30.06	763.5	0	0.0	0	0	0		
137	-12	-4	234	71	3	122	50200	4	2	-5	-.009	-.5	-.009	60	16	30.06	763.5	170	431.8	2		
138	-15	-5	246	75	2	124	50120	4	2	-1	-.002	-.9	-.016	60	16	30.06	763.5	170	431.8	2		
143	-13	-4	214	65	1	122	60120	4	2	-2	-.003	-.8	-.014	60	16	30.06	763.5	172	436.9	1		
146	-10	-3	218	66	2	124	50123	5	3	-3	-.005	-.8	-.014	60	16	30.06	763.5	170	431.8	1		
148	-8	-2	277	84	4	122	50300	5	3	-5	-.009	-1.5	-.026	61	16	30.06	763.5	169	426.3	1		
155	-2	-1	316	96	4	122	50123	5	3			61	16	30.06	763.5	168	426.7	0	0	0		
455	-4	-1	237	72		124	70200	4	2	-4	-.007	-.7	-.012	62	17	29.97	761.2	0	0.0	1		
457	-8	-2	225	69		124	70120	4	2	-2	-.003	-1.1	-.019	62	17	29.97	761.2	0	0.0	0		
459	-8	-2	272	83	4	124	50100	4	2	-5	-.009	-.4	-.007	62	17	29.97	761.2	168	426.7	0		

**RA-3B NIGHT**

## NIGHT LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL RA-38

LNDG	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT		LIFT	WEIGHT					
		KN	M/S	KN	M/S		KN	M/S				KN	M/S			TD	FF	LBS	KG	
NO.	TD	KN	M/S	KN	M/S	KN	M/S	KN	M/S	MIN	SP'A	A	TD	FF	LBS	KG				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
9008	126	65	102	52	24	12	4	2							1.12		1.10		47500	21548
9020	128	66	103	53	25	13	4	2							1.12		1.30		49100	22272
9081	124	64	91	47	33	17	6	3							1.08		.90		50100	22725
9002	131	67	98	50	33	17	6	3							1.14		1.10		50100	22725
9142	124	64	92	47	32	16	6	3							1.07		1.00		50100	22725
9149	131	67	97	50	34	17	6	3							1.15		1.00		49100	22272
9203	137	70	104	53	33	17	6	3							1.20		1.30		49100	22272
9210	123	63	90	46	33	17	3	2							1.10		1.00		47300	21455
9225	139	72	105	54	34	17	3	2							1.21		1.20		49200	22317
9226	129	66	95	49	34	17	3	2							1.14		1.10		48600	22045
9233	127	65	93	48	34	17	3	2							1.13		1.00		47100	21365

## LANDING DATA - MODEL RA-38 USS ENTERPRISE (CVN-65) NIGHT LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVW		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
9006	10.4	3.2	7.4	2.2	6.5	2.0	7.0	2.1					1.8	.032				
9020	10.2	3.1	10.1	3.1	12.3	3.7	10.6	3.2					3.7	.064				
9001	9.5	2.9	10.6	3.2	9.8	3.0	10.2	3.1					3.4	.059				
9002	7.3	2.2	7.7	2.3	7.7	2.4	7.7	2.3					2.2	.038				
9142	10.8	3.3	11.2	3.4	12.0	3.7	11.6	3.5					3.9	.068				
9149	11.4	3.5	11.6	3.5	11.0	3.4	11.3	3.5					3.5	.062				
9203	5.1	1.6	7.4	2.3	5.9	1.8	7.1	2.2					2.1	.037				
9210	9.4	2.9	8.5	2.6	9.6	2.9	9.0	2.7					3.0	.052				
9225	12.4	3.8	11.5	3.5	11.8	3.6	11.7	3.6					3.6	.062				
9226	9.5	2.9	10.5	3.2	10.2	3.1	10.2	3.1					3.4	.059				
9233	8.3	2.5	8.2	2.5	8.5	2.6	8.4	2.5					3.1	.053				

## NIGHT LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA -- MODEL RA-38

LMDC	PITCH ANGLE			ROLL ANGLE			PITCH RATE			ROLL RATE			F. P. A.			YAW				
	NO	TD	OR	DEG	RAD	FF	TD	OR	DEG	RAD	FF	AT	TD	DEG	RAD	AT	TD	DEG	RAD	AT
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
9006	1.1	.018					3.0	.052					7.2	.126	6.3	.110	-.8	-.014	7.1	.124
9020	4.7	.062					-3.1	-.054					2.5	.044	-5.6	-.098	-3.8	-.066	2.8	.049
9001	3.0	.052					.2	.003					1.8	.031	4.4	.077	-10.6	-.185	13.2	.230
9002	4.2	.073					1.1	.019					-.4	-.007	-.2	-.003	.4	.007	4.0	.070
9142	3.1	.054					-.4	-.007					-1.8	-.031	-4.7	-.082	-1.9	-.033	4.0	.070
9149	2.0	.035					1.0	.017					.1	.002	3.4	.059	-3.1	-.054	7.4	.129
9203	5.8	.101					-3.0	-.052					-1.0	-.017	3.4	.059	-2.0	-.051	7.2	.126
9210	2.6	.045					.5	.009					1.5	.026	-6.0	-.105	2.1	.037	-2.2	-.038
9225	1.3	.023					-.1	-.002					1.6	.028	-1.8	-.031	2.2	.038	3.2	.056
9226	2.9	.051					-1.3	-.023					1.0	.017	4.2	.073	-3.2	-.056	8.3	.145
9233	2.1	.037					-.2	-.003					1.0	.017	-1.6	-.028	-1.1	-.019	2.2	.038

LANDING DATA - MODEL RA-38										USS ENTERPRISE (CVN-65)										NIGHT LANDINGS													
LNDG		OFF-CENTER		RAMP TO TD		WIRE SIDE		LNDG		FLAP		SHIP		DECK PITCH		DECK ROLL		TEMP		BAROMETRIC		ARR GEAR		REREAD									
NO.		DISTANCE		DISTANCE		NO.		NO.		TYPE		CODE		SPEED		M/S		DEC		RAD		F		C		IN HG		MM HG		RUNOUTS		NUMBER	
FT		M		M		FT		M		FT		M		KN		M/S		DEC		RAD		DEG		F		C		IN		CM			
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82													
9006	-3	-1	299	91	4	124	52000	5	3	-1.5	-1.009	-1.1	-1.002	64	18	29.96	761.0	169	486.4	0													
9020	-25	-8	263	62	2	124	50100	3	2	-1.2	-1.003	-1.6	-1.018	64	18	29.96	761.0	171	434.3	1													
9061	-7	-2	232	71		124	50120	5	3	-1.4	-1.007	1.5	.028	64	18	29.91	759.7	0	0.0	0													
9082	-10	-3	177	54		122	60120	5	3	-1.5	-1.009	.7	.012	64	18	29.91	759.7	0	0.0	0													
9142	-4	-1	233	71	3	124	50123	4	2	-1.4	-1.007	.3	.005	63	17	29.91	759.7	171	434.3	0													
9149	-13	-4	289	88	4	124	50123	4	2	-1.4	-1.007	1.1	.019	63	17	29.91	759.7	170	431.8	0													
9203	-18	-5	184	56		124	50100	3	2	-1.2	-1.003	-2.1	-1.037	63	17	29.91	759.7	171	434.3	1													
9210	-6	-2	304	93	4	124	50120	3	2	-1.4	-1.007	-1.8	-1.014	63	17	29.91	759.7	169	429.3	0													
9225	-8	-2	254	77		124	60123	3	2	-1.2	-1.003	-1.6	-1.010	63	17	29.91	759.7	0	0.0	0													
9226	-11	-3	241	73	3	124	50100	3	2	-1.2	-1.003	0.0	0.000	63	17	29.91	759.7	171	434.3	0													
9233	-8	-2	310	94	4	124	50120	3	2	0.0	0.000	.6	.010	63	17	29.91	759.7	169	429.3	0													

**T-2C DAY**



LANDING DATA - MODEL T-2C										USS ENTERPRISE (CWN-65)										DAY LANDINGS					
LNOG	VPAF	VE-FILM		WIND-VEL				VEOR	VPAMIN		VSP-A		KVPA	KV	LIFT	LIFT	LIFT	WEIGHT							
		KN	M/S	KN	M/S	KN	M/S		KN	M/S	KN	M/S						MIN	SP-A	TD	FF	LBS	KG		
NO.	TD	PAR.	PERP.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21					
1686	110	57	83	43	27	14	2	1	73	38	96	49		1.14		1.00		9544	4329						
1687	108	56	81	42	27	14	2	1	75	39	96	49		1.13		1.10		9544	4329						
1688	109	56	82	42	27	14	2	1	79	41	96	49		1.13		1.10		9544	4329						
1689	109	56	82	42	27	14	2	1	79	41	96	49		1.14		1.10		9544	4329						
1690	118	61	91	47	27	14	2	1	81	42	96	49		1.23		1.00		9544	4329						
1691	107	55	80	41	27	14	2	1			96	49		1.12		1.00		9544	4329						
1692	105	54	78	40	27	14	2	1	90	46	96	49		1.09		1.30		9544	4329						
1693	115	59	88	45	27	14	2	1	91	47	96	49		1.21		1.00		9544	4329						
1695	104	53	77	40	27	14	2	1	69	35	96	49		1.09		.90		9544	4329						
1696	111	57	85	44	26	13	2	1	83	43	96	49		1.16		1.10		9544	4329						
1697	110	57	84	43	26	13	2	1	81	42	96	49		1.15		1.00		9544	4329						
1698	102	52	76	39	26	13	2	1	86	44	96	49		1.07		1.00		9544	4329						
1699	98	50	71	37	27	14	2	1	67	34	96	49		1.03		1.00		9544	4329						
1701	104	53	76	39	28	14	2	1	85	44	95	49		1.10		.90		9344	4238						
1703	99	51	71	37	28	14	2	1	76	39	96	49		1.04		1.00		9544	4329						
1704	98	50	70	36	28	14	2	1	63	32	96	49		1.03		.90		9544	4329						
1705	107	55	79	41	28	14	2	1	84	43	96	49		1.11		1.00		9544	4329						
1706	108	56	81	42	27	14	2	1	87	45	96	49		1.13		1.10		9544	4329						
1707	98	50	71	37	27	14	2	1	70	36	96	49		1.02		.90		9544	4329						
1708	114	59	87	45	27	14	2	1	89	46	97	50		1.17		1.00		9844	4465						
1709	110	57	82	42	28	14	2	1	89	46	96	49		1.15		.80		9544	4329						
1710	105	54	79	41	26	13	2	1	77	40	96	49		1.09		1.00		9544	4329						
1711	106	55	81	42	25	13	2	1	85	44	95	49		1.11		1.00		9444	4284						
1758	101	52	78	40	23	12	2	1	85	44	95	49		1.06		1.00		9444	4284						
1759	104	53	80	41	24	12	2	1	90	46	96	49		1.09		1.00		9544	4329						
1760	109	56	84	43	25	13	2	1	77	40	95	49		1.15		1.00		9544	4329						
1763	106	55	81	42	25	13	2	1	87	45	94	48		1.13		1.10		9244	4193						
1764	104	53	78	40	26	13	2	1	78	40	96	49		1.09		1.00		9544	4329						
1765	102	52	76	39	26	13	2	1	76	39	94	48		1.09		.90		9144	4148						
1767	101	52	75	39	26	13	2	1	77	40	93	48		1.09		1.00		9044	4102						
1768	104	53	78	40	26	13	2	1	81	42	93	48		1.12		1.00		8944	4057						
1769	105	54	79	41	26	13	2	1	76	39	93	48		1.13		1.00		9044	4102						
1770	118	61	92	47	26	13	2	1			92	47		1.28		1.50		8844	4012						
1771	101	52	76	39	25	13	2	1	67	34	96	49		1.06		1.00		9544	4329						
1772	96	49	71	37	25	13	2	1	73	38	92	47		1.04		.90		8844	4012						
1773	99	51	74	38	25	13	2	1	67	34	93	48		1.06		1.00		8944	4057						
1774	102	52	77	40	25	13	2	1	76	39	96	49		1.07		1.10		9544	4329						
1775	101	52	75	39	26	13	2	1	67	34	91	47		1.11		.90		8644	3921						
1776	101	52	75	39	26	13	2	1	81	42	93	48		1.08		.90		9044	4102						
1777	113	58	87	45	26	13	2	1	77	40	96	49		1.18		1.00		9544	4329						

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)					DAY LANDINGS					
LNDG NO.	VPAF TD	VE-FILM		WIND-VEL		PAR.		PERP.		VEOR	VPAMIN		VSP-A	KVPA	KV	LIFT TD	LIFT FF	WEIGHT LBS	KG	
		KN	M/S	KN	M/S	KN	M/S	KN	M/S		KN	M/S								KN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1778	106	55	80	41	26	13	2	1	86	44	96	49		1.10		1.00		9544	4329	
1779	112	58	86	44	26	13	2	1	88	45	96	49		1.17		1.00		9544	4329	
1780	108	56	82	42	26	13	0	0	73	38	97	50		1.12		1.00		9744	4420	
1782	114	59	88	45	26	13	0	0	90	46	96	49		1.19		1.20		9544	4329	
1783	100	51	74	38	26	13	0	0	76	39	96	49		1.05		1.00		9544	4329	
1784	109	56	83	43	26	13	0	0	86	44	96	49		1.14		1.10		9644	4375	
1785	109	56	81	42	28	14	2	1	85	44	96	49		1.14		1.00		9544	4329	
1786	104	53	76	39	28	14	2	1	76	39	96	49		1.08		1.10		9544	4329	
1787	106	55	81	42	25	13	2	1	83	43	96	49		1.11		1.00		9544	4329	
1788	104	53	79	41	25	13	2	1	84	43	96	49		1.09		1.00		9544	4329	
1789	104	53	78	40	26	13	2	1	83	43	96	49		1.08		1.00		9544	4329	
1790	105	54	80	41	25	13	2	1	87	45	96	49		1.10		1.00		9544	4329	
1793	100	51	77	40	23	12	2	1	76	39	95	49		1.05		1.00		9344	4238	
1794	110	57	87	45	23	12	2	1	87	45	93	48		1.18		1.00		9044	4102	
1795	110	57	87	45	23	12	2	1	90	46	93	48		1.19		1.10		8944	4057	
1796	100	51	78	40	22	11	2	1	81	42	94	48		1.07		1.00		9144	4148	
1797	110	57	88	45	22	11	2	1	88	45	96	49		1.15		1.10		9544	4329	
1798	101	52	78	40	23	12	2	1	82	42	93	48		1.10		1.00		8944	4057	
1799	108	56	85	44	23	12	2	1	81	42	98	50		1.10		.90		10044	4556	
1801	104	53	81	42	23	12	2	1	85	44	96	49		1.09		1.10		9544	4329	
1802	110	57	87	45	23	12	2	1	80	41	96	49		1.15		1.00		9544	4329	
1803	108	56	85	44	23	12	2	1	85	44	97	50		1.11		1.00		9844	4465	
1804	101	52	78	40	23	12	2	1	80	41	92	47		1.10		1.00		8744	3966	
1805	100	51	77	40	23	12	2	1	84	43	96	49		1.05		1.00		9544	4329	
1807	103	53	77	40	26	13	2	1	78	40	93	48		1.11		1.00		9044	4102	
1808	100	51	75	39	25	13	2	1	77	40	95	49		1.05		1.00		944	4284	
1809	113	58	88	45	25	13	2	1	88	45	96	49		1.18		1.10		9544	4329	
1810	110	57	85	44	25	13	2	1	82	42	96	49		1.15		1.00		9544	4329	
1812	1.3	57	85	44	25	13	2	1	88	45	96	49		1.15		1.10		9544	4329	
1813	104	53	79	41	25	13	2	1	82	42	96	49		1.08		1.00		9544	4329	
1814	100	51	75	39	25	13	2	1	71	37	96	49		1.05		1.00		9544	4329	
1815	100	51	74	38	26	13	2	1	77	40	96	49		1.05		1.10		9544	4329	
1817	105	54	79	41	26	13	2	1	75	39	96	49		1.09		1.00		9644	4375	
1819	95	49	70	36	25	13	2	1	73	38	93	48		1.02		1.10	1.00	9044	4102	
1821	102	52	74	38	28	14	2	1	80	41	96	49		1.07		1.00		9544	4329	
1822	111	57	83	43	28	14	2	1	81	42	93	48		1.19		1.00		9044	4102	
1823	100	51	72	37	28	14	2	1	70	36	95	49		1.06		1.00		9444	4284	
1891	102	52	75	39	27	14	0	0	71	37	96	49		1.07		1.00		9544	4329	
1893	107	55	81	42	26	13	0	0	68	35	94	48		1.14		1.00		9244	4193	
1894	107	55	81	42	26	13	0	0	77	40	96	49		1.12		1.00		9544	4329	

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS				
LNDG NO.	VPAF TD	VE-FILM		WIND-VEL		PAR.	PERP.	VEOR	VPAMIN	VSP'A	KVPA	KV	LIFT	LIFT	FF	LBS	KG							
		KN	M/S	KN	M/S													KN	M/S	KN	M/S	KN	M/S	KN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21				
1895	104	53	78	40	26	13	0	0	71	37	95	49			1.10		1.00		9444	4284				
1899	104	53	80	41	24	12	0	0	73	38	95	49			1.10		1.00		9344	4238				
1900	103	53	79	41	24	12	0	0	83	43	95	49			1.08		1.00		9444	4284				
1901	99	51	76	39	23	12	0	0	74	38	95	49			1.05		1.00		9344	4238				
1902	101	52	78	40	23	12	0	0	88	45	93	48			1.09		1.00		8944	4057				
1903	103	53	80	41	23	12	0	0	84	43	92	47			1.12		1.00		8044	4012				
1904	104	53	82	42	22	11	2	1	74	38	93	48			1.13		.90		8944	4057				
1905	101	52	80	41	21	11	2	1	76	39	96	49			1.05		1.10	1.10	9544	4329				
1906	108	56	87	45	21	11	2	1	79	41	96	49			1.13		.70		9544	4329				
1907	106	55	84	43	22	11	2	1	84	43	96	49			1.10		1.00		9544	4329				
1909	103	53	81	42	22	11	2	1	73	38	96	49			1.08		1.00		9544	4329				
1910	112	58	90	46	22	11	2	1	96	49	97	50			1.15		1.20		9844	4465				
1911	102	52	80	41	22	11	2	1			97	50			1.05		1.00		9844	4465				
1912	107	55	85	44	22	11	2	1	75	39	96	49			1.12		1.10		9544	4329				
1913	109	56	87	45	22	11	2	1	85	44	97	50			1.12		1.00		9844	4465				
1915	106	55	81	42	25	13	2	1	79	41	96	49			1.10		1.00		9544	4329				
1917	112	58	88	45	24	12	2	1	91	47	96	49			1.17		1.10		9544	4329				
1918	102	52	78	40	24	12	2	1	74	38	96	49			1.07		1.00		9544	4329				
1919	111	57	87	45	24	12	2	1	83	43	95	49			1.17		.90		9444	4284				
1920	117	60	93	48	24	12	2	1	91	47	95	49			1.22		.90		9444	4284				
1921	103	53	80	41	23	12	2	1	80	41	97	50			1.06		1.10		9844	4465				
1922	107	55	85	44	22	11	2	1	85	44	94	48			1.13		1.10		9244	4193				
1923	104	53	82	42	22	11	2	1	77	40	94	48			1.10		1.00		9244	4193				
1924	101	52	79	41	22	11	2	1	87	45	96	49			1.05		1.10		9544	4329				
1925	104	53	82	42	22	11	2	1	78	40	94	48			1.11		1.10		9144	4148				
1926	110	57	87	45	23	12	2	1	76	39	94	48			1.17		1.10		9144	4148				
1927	104	53	81	42	23	12	2	1	87	45	93	48			1.11		.90		9044	4102				
1928	102	52	79	41	23	12	2	1	68	35	95	49			1.07		1.00		9444	4284				
1934	112	58	86	44	26	13	2	1	87	45	96	49			1.18		1.10	1.10	9544	4329				
1935	101	52	75	39	26	13	2	1	66	34	93	48			1.09		1.00		8944	4057				
1936	114	59	90	46	24	12	2	1	97	50	97	50			1.17		1.00		9844	4465				
1937	100	51	76	39	24	12	2	1	74	38	92	47			1.08		.90		8844	4012				
1938	102	52	77	40	25	13	2	1	64	33	92	47			1.10		1.10		8844	4012				
1940	104	53	80	41	24	12	2	1	81	42	96	49			1.09		.90		9544	4329				
1942	104	53	81	42	23	12	2	1	80	41	96	49			1.08		.90		9544	4329				
1943	102	52	80	41	22	11	2	1	83	43	96	49			1.07		1.10		9544	4329				
1945	104	53	81	42	23	12	2	1	84	43	96	49			1.09		1.00		9544	4329				
1946	97	50	74	38	23	12	2	1	73	38	90	46			1.07		1.00		8544	3876				
1947	102	52	79	41	23	12	2	1	81	42	96	49			1.07		1.10		9544	4329				
1948	106	55	82	42	24	12	2	1	89	46	96	49			1.11		1.00		9544	4329				

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LNDG NO.	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP-A	KVPA	KV	LIFT	LIFT	FF	LBS	KG				
		KN	M/S	KN	M/S		KN	M/S									KN	M/S	MIN	SP-A
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1949	114	59	90	46	24	12	2	1	79	41	96	49			1.19		1.00		9544	4329
1950	104	53	80	41	24	12	2	1	76	39	94	48			1.10		.90		9244	4193
1951	107	55	83	43	24	12	2	1	89	46	96	49			1.12		1.00		9544	4329
1953	101	52	77	40	24	12	2	1	73	38	94	48			1.07		1.10	1.10	9144	4148
1955	102	52	78	40	24	12	2	1	88	45	95	49			1.07		1.00		9444	4284
1956	100	51	76	39	24	12	2	1	69	35	94	48			1.06		1.00		9144	4148
1957	120	62	96	49	24	12	2	1	107	55	96	49			1.26		1.00		9544	4329
1958	110	57	86	44	24	12	2	1	84	43	95	49			1.16		1.00		9344	4238
1959	105	54	81	42	24	12	2	1	83	43	96	49			1.09		1.10		9544	4329
1961	105	54	81	42	24	12	2	1	80	41	92	47			1.15		.90		8744	3966
1964	108	56	88	45	20	10	2	1	79	41	95	49			1.13		1.10		9444	4284
1965	103	53	81	42	22	11	2	1	84	43	95	49			1.09		1.00		9344	4238
1966	108	56	86	44	22	11	2	1	85	44	96	49			1.13		1.10		9544	4329
1967	105	54	83	43	22	11	2	1	80	41	98	50			1.07		1.10		10044	4556
1969	102	52	78	40	24	12	2	1	78	40	94	48			1.09		1.20		9144	4148
1970	101	52	76	39	25	13	2	1	76	39	93	48			1.09		1.20	1.20	9044	4102
1971	109	56	86	44	23	12	2	1	85	44	95	49			1.15		1.00		9344	4238
1972	95	49	72	37	23	12	2	1	84	43	97	50			.99		.90		9744	4420
1973	99	51	77	40	22	11	2	1	74	38	96	49			1.04		1.00		9544	4329
1974	97	50	75	39	22	11	2	1	80	41	94	48			1.03		1.00		9244	4193
1975	112	58	90	46	22	11	2	1	85	44	96	49			1.17		1.10		9544	4329
2044	110	61	96	49	22	11	1	1	95	49	97	50			1.21		1.20		9844	4465
2046	102	52	80	41	22	11	1	1	63	32	97	50			1.05		1.00		9744	4420
2047	103	53	81	42	22	11	1	1	83	43	97	50			1.06		1.00		9744	4420
2048	102	52	81	42	21	11	2	1	86	44	96	49			1.06		1.00		9644	4375
2049	103	53	82	42	21	11	2	1	84	43	97	50			1.06		1.10		9744	4420
2050	102	52	81	42	21	11	2	1	81	42	97	50			1.05		1.00		9744	4420
2051	108	56	87	45	21	11	2	1	83	43	95	49			1.14		1.20		9444	4284
2052	107	55	86	44	21	11	2	1	84	43	96	49			1.12		1.00		9544	4329
2053	100	51	79	41	21	11	2	1	87	45	96	49			1.04		1.10		9544	4329
2054	101	52	79	41	22	11	2	1	83	43	96	49			1.05		.90	.90	9544	4329
2055	103	53	81	42	22	11	2	1	81	42	95	49			1.09		1.00		9344	4238
2056	106	55	84	43	22	11	2	1	86	44	95	49			1.12		1.00		9344	4238
2057	110	57	86	45	22	11	2	1	83	43	95	49			1.16		1.20		9344	4238
2058	119	61	98	50	21	11	2	1	106	55	95	49			1.25		1.00	1.00	9344	4238
2059	95	49	76	39	19	10	2	1	86	44	95	49			1.00		1.00		9444	4284
2060	111	57	89	46	22	11	2	1	89	46	95	49			1.17		1.00		9344	4238
2061	100	51	79	41	21	11	2	1	82	42	95	49			1.06		1.00	1.10	9344	4238
2063	105	54	84	43	21	11	2	1	91	47	95	49			1.11		.90		9344	4238
2065	103	53	83	43	20	10	2	1	89	46	94	48			1.09		1.00		9244	4193

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)						DAY LANDINGS					
LNOG	VPAF	VE-FILM		WIND-VEL		PAR.	PERP.		VEOR	VPAMIN	VSP'A	KVPA	KV	LIFT	LIFT	TD	FF	LIFT	LIFT	WEIGHT	
		KN	M/S	KN	M/S		KN	M/S													KN
NO.	TD	KN	M/S	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
2066	107	55	87	45	20	10	2	1	80	41							1.00				
2067	100	51	80	41	20	10	2	1	81	42	94	48			1.06		1.20		9144	4148	
2069	129	66	100	56	20	10	2	1	119	61	92	47			1.41		1.60		8744	3966	
2070	104	53	83	43	21	11	2	1	75	39	91	47			1.14		1.00		8644	3921	
2072	106	55	87	45	19	10	1	1	77	40	95	49			1.12		1.10		9344	4238	
2073	105	54	87	45	18	9	1	1	81	42	96	49			1.09		1.10		9644	4375	
2074	104	53	83	43	21	11	1	1	87	45	96	49			1.09		1.00		9544	4329	
2076	105	54	85	44	20	10	1	1	78	40	96	49			1.09		.90		9644	4375	
2077	106	55	88	44	20	10	1	1	88	45	96	49			1.10		1.00		9544	4329	
2078	100	51	80	41	20	10	1	1	83	43	95	49			1.05		1.00		9344	4238	
2079	100	51	78	40	22	11	1	1	79	41	96	49			1.04		1.00		9644	4375	
2080	112	58	90	46	22	11	1	1	90	46	96	49			1.17		1.00		9544	4329	
2083	99	51	79	41	20	10	1	1	88	45	95	49			1.05		1.00		9344	4238	
2084	104	53	84	43	20	10	1	1	90	46	94	48			1.10		1.00		9244	4193	
2086	93	48	72	37	21	11	1	1	73	38	93	48			1.01		.80		8944	4057	
2087	99	51	77	40	22	11	1	1	75	39	94	48			1.05		1.00		9244	4193	
2088	100	51	77	40	23	12	1	1	68	35	95	49			1.05		1.00		9344	4238	
2089	102	52	79	41	23	12	1	1	83	43	94	48			1.08		.90		9244	4193	
2091	99	51	78	40	21	11	1	1	73	38	93	48			1.06		1.00		9044	4102	
2092	99	51	79	41	20	10	1	1	74	38	94	48			1.05		1.00		9144	4148	
2093	103	53	84	43	19	10	1	1	94	48	93	48			1.11		1.10		9044	4102	
2094	101	52	82	42	19	10	1	1	85	44	93	48			1.09		1.00	1.10	8944	4057	
2095	100	51	81	42	19	10	1	1	73	38	92	47			1.09		.90		8744	3966	
2096	100	51	79	41	21	11	2	1	76	39	93	48			1.07		1.00		9044	4102	
2097	99	51	78	40	21	11	2	1	86	44	92	47			1.08		1.00		8744	3966	
2098	107	55	86	44	21	11	2	1	77	40	94	48			1.14		1.00		9144	4148	
2099	97	50	76	39	21	11	2	1	77	40	93	48			1.04		1.00		9044	4102	
2100	93	48	72	37	21	11	2	1	77	40	92	47			1.01		1.10		8844	4012	
2102	101	52	79	41	22	11	2	1	73	38	93	48			1.09		.90		8944	4057	
2103	100	51	78	40	22	11	2	1	75	39	92	47			1.10		1.20		8744	3966	
2105	106	55	84	43	22	11	2	1	83	43	94	48			1.13		1.00		9244	4193	
2106	103	53	81	42	22	11	2	1	73	38	90	46			1.14		.90		8544	3876	
2107	103	53	81	42	22	11	2	1	86	44	90	46			1.13		.90		8544	3876	
2108	97	50	75	39	22	11	2	1	73	38	91	47			1.07		.90		8644	3921	
2109	100	51	78	40	22	11	2	1	71	37	89	46			1.12		1.00		8344	3785	
2170	109	56	88	45	21	11	2	1	79	41	96	49			1.14		1.10		9644	4375	
2171	108	56	87	45	21	11	2	1	79	41	96	49			1.13		1.20		9544	4329	
2173	114	59	92	47	22	11	2	1	92	47	96	49			1.19		1.20		9544	4329	
2174	107	55	86	44	21	11	2	1	81	42	96	49			1.11		1.00		9544	4329	
2175	112	58	91	47	21	11	2	1	84	43	95	49			1.17		1.20		9444	4284	

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LNDG NO.	VPAF KN	TD	VE-FILM		WIND-VEL				VEOR KN	VPAMIN KN	VSP'A KN	KVPA MIN	KV SP'A	LIFT TD	LIFT FF	LBS	KG			
			M/S	KN	M/S	KN	M/S	KN												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2177	102	52	81	42	21	11	2	1	77	40	96	49			1.06		1.00		9544	4329
2201	99	51	76	39	23	12	2	1	80	41	92	47			1.08		1.00		8744	3966
2204	105	54	82	42	23	12	2	1	84	43	94	48			1.12		.90		9144	4148
2205	109	56	86	44	23	12	2	1	91	47	96	49			1.14		1.00		9544	4329
2206	107	55	84	43	23	12	2	1	92	47	96	49			1.11		1.00		9544	4329
2207	101	52	78	40	23	12	2	1	89	46	93	48			1.09		1.10		9044	4102
2209	109	56	87	45	22	11	2	1	88	45	96	49			1.14		.90		9544	4329
2210	109	56	86	44	23	12	2	1	82	42	96	49			1.14		1.10		9544	4329
2211	105	54	82	42	23	12	2	1	58	30	95	49			1.10		1.00		9344	4238
2213	107	55	84	43	23	12	2	1	77	40	96	49			1.11		1.00		9544	4329
2214	106	55	82	42	24	12	2	1	84	43	96	49			1.10		1.00		9544	4329
2215	105	54	81	42	24	12	2	1	71	37	96	49			1.09		1.00		9544	4329
2216	110	57	86	44	24	12	2	1	76	39	95	49			1.15		.80		9444	4284
2218	102	52	78	40	24	12	2	1	69	35	98	50			1.04		1.10		10044	4556
2219	106	56	84	43	24	12	2	1	90	46	96	49			1.13		1.10		9544	4329
2220	102	52	78	40	24	12	2	1	81	42	94	48			1.09		1.00		9144	4148
2221	104	53	79	41	25	13	4	2	76	39	96	49			1.09		1.10		9544	4329
2222	109	56	84	43	25	13	4	2	83	43	96	49			1.14		1.10		9544	4329
2223	111	57	86	44	25	13	4	2	82	42	94	48			1.19		1.10		9144	4148
2224	103	53	78	40	25	13	4	2	89	46	96	49			1.08		1.00		9544	4329
2227	109	56	84	43	25	13	4	2	77	40	95	49			1.15		1.00		9444	4284
2228	109	56	84	43	25	13	4	2	83	43	96	49			1.14		1.20		9544	4329
2229	107	55	82	42	25	13	4	2	78	40	96	49			1.12		1.10		9544	4329
2230	111	57	86	44	25	13	4	2	86	44	96	49			1.16		1.10		9544	4329
2231	104	53	79	41	25	13	4	2	77	40	95	49			1.09		1.10		9444	4284
2232	105	54	80	41	25	13	4	2	90	46	94	48			1.12		1.00		9144	4148
2233	106	56	83	43	25	13	4	2	83	43	95	49			1.13		1.10		9444	4284
2234	110	57	85	44	25	13	4	2	90	46	96	49			1.15		1.00		9644	4375
2235	104	53	79	41	25	13	4	2	88	35	94	48			1.11		1.00		9144	4148
2236	112	58	87	45	25	13	4	2	83	43	94	48			1.20		1.00		9144	4148
2239	106	55	81	42	25	13	4	2	85	44	93	48			1.14		1.10		9044	4102
2240	109	56	84	43	25	13	4	2	89	46	92	47			1.18		1.10		8844	4012
2241	109	56	84	43	25	13	4	2	84	43	92	47			1.19		1.00		8844	4012
2242	106	51	75	39	25	13	4	2	87	45	98	50			1.02		1.00		10044	4556
2243	104	53	81	42	23	12	2	1	78	40	94	48			1.11		.90		9144	4148
2244	102	52	79	41	23	12	2	1	92	47	96	49			1.07		1.00		9544	4329
2245	103	53	80	41	23	12	2	1	81	42	96	49			1.07		.90		9544	4329
2247	104	53	81	42	23	12	2	1	75	39	96	49			1.09		1.10		9544	4329
2248	112	58	89	46	23	12	2	1	93	48	96	49			1.17		1.30		9544	4329
2249	104	53	81	42	23	12	2	1	80	41	96	49			1.08		1.00		9544	4329

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CWN-65)										DAY LANDINGS				
LNOG	VPAF	VE-FILM	WIND-VEL	PAR.	PERP.	VEOR	VPAMIN	VSP'A	KVPA	KV	LIFT	LIFT	WEIGHT											
NO.	TD	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	MIN	SP' A	TD	FF	LBS	KG					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21				
2251	111	57	88	45	23	12	2	1	85	44	94	48			1.19		1.00		9144	4148				
2252	100	56	85	44	24	12	2	1	93	48	96	49			1.14		.90		9544	4329				
2253	100	56	84	43	24	12	2	1	90	46	96	49			1.13		1.00		9544	4329				
2254	100	56	83	43	25	13	2	1	92	47	93	48			1.16		1.00		9044	4102				
2255	100	56	84	43	25	13	2	1	82	42	96	49			1.14		1.00		9544	4329				
2256	102	52	77	40	25	13	2	1	82	42	95	49			1.07		1.10		9444	4284				
2257	104	53	79	41	25	13	2	1	79	41	97	50			1.07		1.00		9844	4465				
2259	99	51	74	38	25	13	2	1			99	51			1.00		1.00		10244	4647				
2260	99	51	74	38	25	13	2	1	69	35	94	48			1.05		1.00		9244	4193				
2261	102	52	77	40	25	13	2	1	57	29	95	49			1.08		1.00		9344	4238				
2262	107	55	82	42	25	13	2	1	88	45	95	49			1.13		1.10		9344	4238				
2263	99	51	74	38	25	13	2	1	79	41	94	48			1.06		1.00		9144	4148				
2264	104	53	78	41	25	13	2	1	77	40	94	48			1.10		1.20		9244	4193				
2265	110	57	85	44	25	13	2	1	86	44	94	48			1.17		1.00		9244	4193				
2266	102	52	77	40	25	13	2	1	81	42	93	48			1.09		1.00		9044	4102				
2267	99	51	75	39	24	12	2	1	77	40	93	48			1.07		1.00		8944	4057				
2269	107	55	83	43	24	12	2	1	78	40	96	49			1.12		1.00		9544	4329				
2270	107	55	83	43	24	12	2	1	85	44	96	49			1.12		1.10		9544	4329				
2271	112	58	88	45	24	12	2	1	91	47	98	50			1.15		1.10		9944	4511				
2273	98	50	74	38	24	12	2	1	72	37	94	48			1.05		1.00	1.20	9144	4148				
2275	103	53	78	41	24	12	2	1	74	38	97	50			1.07		1.00		9744	4420				
2276	106	56	84	43	24	12	2	1	85	44	95	49			1.13		1.10		9444	4284				
2277	105	54	81	42	24	12	2	1	80	41	96	49			1.10		1.00		9544	4329				
2278	110	57	86	44	24	12	2	1	85	44	96	49			1.14		1.20		9644	4375				
2280	104	53	80	41	24	12	2	1	81	42	93	48			1.12		.90		8944	4057				
2282	99	51	75	39	24	12	2	1	82	42	93	48			1.07		1.00		8944	4057				
2283	90	46	66	34	24	12	2	1	79	41	95	49			.95		1.30		9344	4238				
2284	108	58	84	43	24	12	2	1	95	49	95	49			1.14		1.10		9344	4238				
2285	106	55	82	42	24	12	2	1	71	37	94	48			1.12		1.00		9244	4193				
2286	104	53	80	41	24	12	2	1	86	44	96	49			1.09		1.10		9544	4329				
2287	105	54	81	42	24	12	2	1	75	39	95	49			1.11		1.00		9344	4238				
2288	112	58	88	45	24	12	2	1	95	49	96	49			1.17		1.00		9544	4329				
2289	104	53	80	41	24	12	2	1	80	41	93	48			1.11		1.10		9044	4102				
2290	112	58	88	45	24	12	2	1	87	45	96	49			1.17		1.10		9544	4329				
2291	101	52	77	40	24	12	2	1	75	39	96	49			1.06		1.00		9544	4329				
2292	104	53	80	41	24	12	2	1	89	46	93	48			1.13		1.10		8944	4057				
2293	110	57	86	44	24	12	2	1	80	41	95	49			1.16		1.10		9344	4238				
2294	102	52	78	40	24	12	2	1	78	40	93	48			1.11		1.00		8944	4057				
2295	101	52	78	40	23	12	2	1	79	41	93	48			1.10		1.00		8944	4057				
2296	112	58	89	46	23	12	2	1	93	48	96	49			1.17		1.20		9544	4329				

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LNOG	VPAF	VE-FILM		WIND-VEL				VEOR	VPAMIN		VSP'A		KVPA	KV	LIFT	LIFT	FF	LBS	KG		
		KN	M/S	KN	M/S	KN	M/S		KN	M/S	KN	M/S								KN	M/S
NO.	TD	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1		96	49	74	38	22	11	2	1	83	43	94	48			1.02		1.10		9244	4193
2297		100	56	86	44	22	11	2	1	76	39	93	48			1.17		.96		8944	4057
2298		105	54	83	43	22	11	2	1	86	44	97	50			1.09		.90		9744	4420
2299		106	55	84	43	22	11	2	1	84	43	96	49			1.11		1.10		9544	4329
2300		109	56	87	45	22	11	2	1	91	47	96	49			1.14		1.10		9544	4329
2301		105	54	82	42	23	12	2	1	81	42	95	49			1.10		1.10		9344	4238
2302		111	57	91	47	20	10	1	1	86	44	95	48			1.18		.90		9344	4238
2303		110	57	90	46	20	10	1	1	88	45	93	48			1.18		1.10		9044	4102
2304		107	55	87	45	20	10	1	1	100	51	95	49			1.13		1.10		9344	4238
2305		99	51	79	41	20	10	1	1	69	35	92	47			1.08		1.00		8844	4012
2306		100	56	87	45	21	11	1	1	87	45	96	49			1.13		1.30		9544	4329
2307		98	50	77	40	21	11	1	1	82	42	92	47			1.06		1.20		8844	4012
2308		106	55	84	43	22	11	1	1	90	46	96	49			1.11		1.10		9544	4329
2309		101	52	79	41	22	11	1	1	91	47	95	49			1.06		1.10		9444	4284
2310		106	55	84	43	22	11	1	1	77	40	93	48			1.14		1.10		8944	4057
2312		117	60	95	49	22	11	1	1	88	45	96	49			1.22		1.10		9544	4329
2313		101	52	78	40	23	12	1	1	77	40	93	48			1.08		1.10		9044	4102
2316		114	59	91	47	23	12	1	1	82	42	96	49			1.19		1.10		9544	4329
2317		110	57	87	45	23	12	1	1	83	43	96	49			1.15		1.20		9544	4329
2319		99	51	77	40	22	11	0	0	83	32	96	49			1.03		1.00		9544	4329
2320		100	56	86	44	22	11	0	0	85	44	99	51			1.09		1.00		10144	4601
2322		114	59	92	47	22	11	2	1	83	43	96	49			1.19		1.10		9544	4329
2324		106	55	83	43	23	12	2	1	86	44	96	49			1.10		1.00		9544	4329
2326		105	54	82	42	23	12	2	1	86	44	96	49			1.10		1.20		9544	4329
2327		106	55	83	43	23	12	2	1	83	43	96	49			1.11		1.10		9544	4329
2328		100	56	86	44	22	11	2	1	80	41	95	49			1.14		1.00		9344	4238
2330		101	52	76	39	25	13	2	1	69	35	95	49			1.06		1.00		9444	4284
2331		100	51	77	40	23	12	2	1	75	39	94	48			1.07		1.00		9244	4193
2333		104	53	81	42	23	12	2	1	77	40	94	48			1.11		1.10		9244	4193
2334		104	53	81	42	23	12	2	1	87	45	94	48			1.10		1.10		9244	4193
2335		106	56	85	44	23	12	2	1	84	43	96	49			1.13		1.10		9544	4329
2336		100	56	86	44	23	12	2	1	76	39	96	49			1.14		.90		9544	4329
2338		106	56	85	44	23	12	2	1	80	41	96	49			1.13		.90		9544	4329
2339		100	51	77	40	23	12	2	1	82	42	92	47			1.09		.90		8844	4012
2340		104	53	81	42	23	12	2	1	77	40	95	49			1.10		.90		9344	4238
2341		100	56	86	44	22	11	2	1	77	40	96	49			1.13		1.00		9544	4329
2342		106	56	86	44	22	11	2	1	80	41	95	49			1.15		1.00		9344	4238
2346		100	56	86	44	22	11	2	1	88	45	95	49			1.08		1.00	1.10	9444	4284
2347		103	53	81	42	22	11	2	1	86	45	95	49			1.06		1.00		9344	4238
2348		107	55	85	44	22	11	2	1	85	44	95	49			1.13		1.00		9344	4238
2349		100	51	78	40	22	11	2	1	86	44	94	48			1.06		1.00		9244	4193



LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS			
LNCG	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT		LIFT	WEIGHT								
		KN	M/S	KN	M/S		KN	M/S				KN	M/S			MIN	SP' A	TD	FF	LBS	KG		
NO.	TD	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
2350	98	50	76	39	22	11	2	1	77	40	93	48			1.06		1.10		8944	4057			
2351	100	51	78	40	22	11	2	1	76	39	94	48			1.07		1.10		9144	4148			
2352	103	53	81	42	22	11	2	1	79	41	92	47			1.12		1.00		8844	4012			
2354	104	53	82	42	22	11	2	1	80	41	92	47			1.13		1.10		8744	3966			
2355	95	49	73	38	22	11	2	1	72	37	93	48			1.02		1.10		8944	4057			
2356	106	55	84	43	22	11	2	1	83	43	91	47			1.16		1.10		8644	3921			
2357	106	55	84	43	22	11	2	1	87	45	96	49			1.11		1.00		9544	4329			
2358	108	56	83	43	25	13	2	1	84	43	94	48			1.15		1.00		9244	4193			
2359	105	54	81	42	24	12	2	1	87	45	94	48			1.11		1.00		9244	4193			
2360	108	56	84	43	24	12	2	1	90	46	94	48			1.15		1.00		9144	4148			
2361	111	57	88	45	23	12	2	1	90	46	96	49			1.16		1.10		9544	4329			
2362	110	57	87	45	23	12	2	1			96	49			1.15		1.00		9544	4329			
2363	103	53	80	41	23	12	2	1	88	45	96	49			1.07		1.00		9544	4329			
2364	107	55	84	43	23	12	2	1			96	49			1.12		1.10		9544	4329			
2365	104	53	81	42	23	12	2	1	86	44	94	48			1.11		1.00		9144	4148			
2366	102	52	80	41	22	11	2	1	79	41	96	49			1.06		1.00		9544	4329			
2367	108	56	86	44	22	11	2	1	81	42	96	49			1.13		1.00		9544	4329			
2368	101	52	82	42	19	10	2	1	87	45	96	49			1.05		.90		9544	4329			
2369	102	52	82	42	20	10	2	1	80	41	96	49			1.06		1.10		9544	4329			
2370	103	53	84	43	19	10	2	1	82	42	95	49			1.09		1.20		9444	4284			
2412	106	55	80	41	26	13	0	0	81	42	96	49			1.11		.90		9544	4329			
2413	107	55	81	42	26	13	0	0	72	37	96	49			1.12		1.10		9544	4329			
2415	107	55	82	42	25	13	2	1	84	43	95	49			1.13		1.00		9344	4238			
2417	108	56	82	42	26	13	2	1	77	40	95	49			1.14		1.20		9344	4238			
2419	111	57	85	44	26	13	2	1	76	39	94	48			1.18		1.00		9144	4148			
2420	114	59	88	45	26	13	2	1	83	43	93	48			1.23		1.00		9044	4102			
2421	110	57	85	44	25	13	2	1	85	44	96	49			1.15		1.00		9544	4329			
2422	98	50	74	38	24	12	2	1	85	44	96	49			1.02		1.00		9544	4329			
2425	105	54	81	42	24	12	2	1	88	45	96	49			1.09		1.00		9544	4329			
2428	104	53	80	41	24	12	2	1	77	40	96	49			1.09		1.40		9544	4329			
2429	111	57	87	45	24	12	2	1	85	44	96	49			1.16		1.10		9544	4329			
2431	101	52	77	40	24	12	2	1	81	42	96	49			1.06		1.10		9544	4329			
2432	114	59	90	46	24	12	2	1	87	45	96	49			1.19		1.00		9544	4329			
2433	110	57	86	44	24	12	2	1	86	44	96	49			1.14		1.10		9544	4329			
2435	107	55	83	43	24	12	2	1	86	44	94	48			1.14		1.10		9144	4148			
2439	118	61	94	48	24	12	2	1	90	46	95	49			1.24		1.10		9444	4284			
2440	106	55	82	42	24	12	2	1	76	39	96	49			1.11		1.00		9544	4329			
2441	119	61	94	48	25	13	2	1	91	47	93	48			1.28		1.20		9044	4102			
2444	106	55	81	42	25	13	0	0	77	40	93	48			1.14		1.10		9044	4102			
2447	110	57	84	43	26	13	0	0	81	42	95	49			1.16		1.10		9344	4238			

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LDNG	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP-A	KVPA	KV	LIFT	LIFT	FF	LBS	KG				
		NO.	TD	M/S	KN		M/S	KN									M/S	KN	M/S	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2448	107	55	82	42	25	13	0	0	85	44	96	49			1.12		1.30		9544	4329
2450	108	56	83	43	25	13	0	0	83	43	95	49			1.13		1.20		9444	4284
2451	108	56	85	44	23	12	0	0	79	41	95	49			1.14		1.10	1.20	9344	4238
2452	105	54	82	42	23	12	0	0	87	45	93	48			1.12		.90	1.00	9044	4102
2454	112	58	89	46	23	12	0	0	83	43	95	49			1.18		1.10		9444	4284
2455	112	58	89	46	23	12	0	0	84	43	96	49			1.17		1.00		9544	4329
2456	107	55	85	44	22	11	0	0	83	43	94	48			1.15		1.00		9144	4148
2457	103	53	81	42	22	11	0	0	76	39	93	48			1.11		1.20		9044	4102
2458	104	53	81	42	23	12	0	0	77	40	92	47			1.14		1.10		8744	3966
2459	107	55	83	43	24	12	0	0	81	42	96	49			1.11		1.10		9544	4329
2460	110	57	86	44	24	12	0	0	77	40	96	49			1.15		1.00		9544	4329
2461	114	59	90	46	24	12	0	0	89	46	98	50			1.16		.90		10044	4556
2462	118	61	94	48	24	12	0	0	94	48	99	51			1.19		1.20		10244	4647
2463	112	58	86	45	24	12	0	0	87	45	96	49			1.17		1.10		9544	4329
2465	111	57	87	45	24	12	0	0	82	42	97	50			1.14		1.10		9844	4465
2466	116	60	92	47	24	12	0	0	87	45	98	50			1.18		.90		10044	4556
2467	109	56	85	44	24	12	0	0	73	38	98	50			1.11		1.10		10044	4556
2468	108	56	84	43	24	12	0	0	93	48	96	49			1.13		1.10		9544	4329
2469	117	60	92	47	25	13	0	0	92	47	97	50			1.21		1.10		9844	4465
2470	114	59	89	46	25	13	0	0	79	41	96	49			1.19		1.10		9644	4375
2472	113	58	88	45	25	13	0	0	91	47	96	49			1.18		1.20		9544	4329
2473	110	57	85	44	25	13	0	0	76	39	95	49			1.15		1.10		9444	4284
2475	112	58	88	45	24	12	0	0	93	48	93	48			1.20		1.10		9844	4102
2476	105	54	81	42	24	12	0	0	71	37	96	49			1.09		1.20		9844	4375
2477	110	57	86	44	24	12	0	0	87	45	96	49			1.15		1.00		9644	4375
2478	114	59	90	46	24	12	0	0	93	48	97	50			1.18		1.00		9744	4420
2479	105	54	81	42	24	12	0	0	73	38	96	49			1.10		.90		9544	4329
2480	113	58	89	46	24	12	0	0	88	41	96	49			1.18		1.20		9544	4329
2482	113	58	89	46	24	12	0	0	93	48	96	49			1.18		1.10		9544	4329
2483	120	62	96	49	24	12	0	0	106	55	96	49			1.25		1.20	1.10	9544	4329
2484	115	59	91	47	24	12	0	0	87	45	96	49			1.20		1.20		9544	4329
2485	108	56	85	44	23	12	0	0	96	49	96	49			1.13		1.00		9544	4329
2486	108	56	83	43	25	13	0	0	94	48	97	50			1.11		1.00		9744	4420
2487	110	57	85	44	25	13	0	0	95	49	96	49			1.15		1.10		9544	4329
2491	102	52	78	40	24	12	0	0	75	39	96	49			1.06		.00		9544	4329
2492	113	58	89	46	24	12	0	0	99	51	97	50			1.16		1.10		9844	4465
2493	109	56	85	44	24	12	0	0	99	51	92	47			1.19		1.10	1.10	8844	4012
2494	102	52	78	40	24	12	0	0	77	40	96	49			1.06		1.20		9544	4329
2496	103	53	80	41	23	12	0	0	82	42	93	48			1.10		1.10		9844	4102
2497	110	57	87	45	23	12	0	0	93	48	96	49			1.15		1.10		9544	4329

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS				
LNDG NO.	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT TD	LIFT FF	WEIGHT										
		KN	M/S	KN	M/S		KN	M/S						KN	M/S	LBS	KG							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21				
2498	106	55	83	43	23	12	0	0	78	40	96	49			1.10		1.10		9544	4329				
2500	104	53	81	42	23	12	0	0	83	43	94	48			1.11		1.00		9144	4148				
2501	106	55	83	43	23	12	0	0	84	43	93	48			1.14		.90		9044	4102				
2503	106	55	83	43	23	12	0	0	77	40	96	49			1.11		.90		9544	4329				
2504	116	60	93	48	23	12	0	0	97	50	94	48			1.24		.90		9244	4193				
2505	106	55	83	43	23	12	0	0	78	40	96	49			1.10		1.10	1.00	9544	4329				
2506	105	54	82	42	23	12	0	0	89	46	95	49			1.11		1.10		9344	4238				
2507	107	55	84	43	23	12	0	0	76	39	94	48			1.14		1.10		9144	4148				
2509	107	55	84	43	23	12	0	0	84	43	96	49			1.12		1.10		9544	4329				
2510	100	51	77	40	23	12	0	0	82	42	94	48			1.07		1.00	1.10	9144	4148				
2511	110	57	87	45	23	12	0	0	82	42	93	48			1.18		1.00		9044	4102				
2512	99	51	76	39	23	12	0	0	76	39	92	47			1.08		1.00		8844	4012				
2513	104	53	81	42	23	12	0	0	76	39	92	47			1.14		1.20		8744	3966				
2515	116	60	93	48	23	12	0	0	93	48	92	47			1.27		.90		8744	3966				
2516	102	52	79	41	23	12	0	0	79	41	93	48			1.09		1.00		9044	4102				
2517	113	58	90	46	23	12	0	0	94	48	93	48			1.21		1.20		9044	4102				
2518	108	56	85	44	23	12	0	0	90	46	96	49			1.13		1.00		9544	4329				
2519	119	61	96	49	23	12	0	0	101	52	96	49			1.25		1.10		9544	4329				
2520	106	55	81	42	23	13	0	0	75	39	96	49			1.10		.90		9544	4329				
2522	94	48	69	35	25	13	0	0	69	35	95	49			.99		1.10		9444	4284				
2523	101	52	76	39	25	13	0	0	77	40	95	49			1.06		1.00		9444	4284				
2524	125	64	100	51	25	13	0	0	92	47	95	49			1.31		1.00		9444	4284				
2525	107	55	82	42	25	13	0	0	83	43	94	48			1.14		1.20	1.20	9144	4148				
2526	102	52	77	40	25	13	0	0	71	37	96	49			1.07		1.10		9544	4329				
2527	108	56	83	43	25	13	0	0	90	46	96	49			1.13		1.00		9544	4329				
2528	101	52	76	39	25	13	0	0	86	44	94	48			1.08		1.00		9144	4148				
2529	112	58	87	45	25	13	0	0	94	48	95	49			1.18		1.00		9344	4238				
2530	105	54	80	41	25	13	0	0	78	40	95	49			1.10		1.10		9444	4284				
2531	124	64	99	51	25	13	0	0	89	46	93	48			1.34		1.00		9044	4102				
2532	110	57	85	44	25	13	0	0	83	43	96	49			1.15		1.00		9544	4329				
2533	109	56	84	43	25	13	0	0	89	46	94	48			1.16		1.00		9144	4148				
2534	108	56	83	43	25	13	0	0	86	44	96	49			1.12		.90		9644	4375				
2535	107	55	82	42	25	13	0	0	73	38	96	49			1.12		1.10		9544	4329				
2536	103	53	78	40	25	13	0	0	80	41	96	49			1.08		1.00		9544	4329				
2537	109	56	84	43	25	13	0	0	75	39	96	49			1.14		1.10	1.10	9544	4329				
2538	112	58	87	45	25	13	0	0	98	50	96	49			1.17		1.00	1.20	9544	4329				
2539	104	53	79	41	25	13	0	0	79	41	96	49			1.08		1.10		9544	4329				
2540	114	59	89	46	25	13	0	0	81	42	93	48			1.23		1.10		9044	4102				
2541	106	55	81	42	25	13	0	0	85	44	93	48			1.13		1.00		9044	4102				
2542	108	56	83	43	25	13	0	0	93	48	96	49			1.13		1.00		9544	4329				

## DAY LANDINGS

## USS ENTERPRISE (CVA-65)

## LANDING DATA - MODEL T-2C

LNOG	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP-A	KVPA	KV	LIFT	LIFT	FF	LBS	KG				
		NO.	TD	KN	M/S		KN	M/S									KN	M/S	MIN	SP-A
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2543	115	59	90	46	25	13	0	0	95	49	97	50			1.19		1.00		9844	4465
2544	116	60	91	47	25	13	0	0	95	49	96	49			1.21		1.00		9544	4329
2545	118	61	93	48	25	13	0	0	88	45	97	50			1.22		1.10		9844	4465
2546	115	59	90	46	25	13	0	0	99	51	96	49			1.20		1.30		9544	4329
2547	111	57	86	44	25	13	0	0	93	48	95	49			1.17		.90		9444	4284
2548	109	56	84	43	25	13	0	0	71	37	96	49			1.14		1.10	1.10	9544	4329
2549	109	56	84	43	25	13	0	0	82	42	96	49			1.14		1.10	1.00	9544	4329
2550	111	57	86	44	25	13	0	0	81	42	96	49			1.16		1.10		9544	4329
2551	106	55	82	42	24	12	0	0	84	43	96	49			1.10		1.00		9544	4329
2552	113	58	89	46	24	12	0	0	82	42	96	49			1.18		1.00		9544	4329
2553	103	53	79	41	24	12	0	0	84	43	96	49			1.08		1.00		9544	4329
2554	106	55	82	42	24	12	0	0	87	45	96	49			1.11		1.00		9544	4329
2555	106	55	82	42	24	12	0	0	85	44	96	49			1.10		1.00		9544	4329
2557	109	56	84	43	25	13	0	0	77	40	97	50			1.13		1.00		9744	4420
2558	112	58	87	45	25	13	0	0	98	50	97	50			1.16		1.10		9744	4420
2559	116	60	91	47	25	13	0	0	90	46	96	49			1.22		1.10		9544	4329
2560	106	55	82	42	24	12	0	0	85	44	96	49			1.11		.90		9544	4329
2561	116	60	92	47	24	12	0	0	86	44	96	49			1.21		1.20		9544	4329
2562	112	58	88	45	24	12	0	0	97	50	98	50			1.15		1.20		9944	4511
2564	116	60	92	47	24	12	0	0	89	46	96	49			1.21		1.10		9544	4329
2565	109	56	85	44	24	12	0	0	79	41	96	49			1.13		.90		9644	4375
2566	115	59	91	47	24	12	0	0	88	45	96	49			1.20		1.00		9544	4329
2567	104	53	80	41	24	12	0	0	75	39	96	49			1.09		1.00	1.10	9644	4375
2568	109	56	84	43	25	13	0	0	94	48	95	49			1.14		1.00		9444	4284
2570	112	58	88	45	24	12	2	1	79	41	101	52			1.10		1.00		10744	4873
2571	87	45	82	32	25	13	2	1									1.00			
2572	107	55	82	42	25	13	2	1	84	43	101	52			1.06		1.10		10544	4783
2573	99	51	74	38	25	13	2	1	61	31	102	52			.97		.90		10944	4964
2574	107	55	79	41	28	14	2	1	82	42	102	52			1.04		1.00		10944	4964
2575	102	52	74	38	28	14	2	1	71	37	102	52			1.00		.90		10844	4919
2576	110	57	82	42	28	14	2	1	81	42	101	52			1.10		1.10	1.10	10544	4783
2577	108	56	80	41	28	14	2	1	78	40	101	52			1.07		1.10	1.10	10644	4828
2578	109	56	81	42	28	14	2	1	90	46	101	52			1.08		1.00		10744	4873
2579	107	55	77	40	30	15	3	2	77	40	99	51			1.08		1.20		10244	4647
2580	103	53	73	38	30	15	3	2	75	39	101	52			1.03		1.10		10544	4783
2581	110	57	80	41	30	15	3	2	75	39	102	52			1.07		1.00		10944	4964
2582	106	55	83	43	23	12	2	1	85	44	101	52			1.04		1.10		10744	4873
2583	114	59	90	46	24	12	2	1	91	47	102	52			1.11		1.10		10944	4964
2584	113	58	85	44	28	14	2	1	87	45	102	52			1.10		1.00		10944	4964
2585	104	53	80	41	24	12	2	1	75	39	96	49			1.09		1.00		9544	4329

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)							DAY LANDINGS				
LNDG	VPAF	VE-FILM	WIND-VEL				PERP.		VEOR	VPAMIN	VSP'A	KVPA	KV	LIFT	LIFT	TD	FF	LIFT	WEIGHT		
NO.	TD		KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	MIN	SP' A	LBS	KG	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
2586	108	56	85	44	23	12	2	1	86	44	96	49			1.13		.90		9544	4329	
2587	106	55	82	42	24	12	2	1	79	41	96	49			1.11		1.00		9544	4329	
2588	110	57	86	44	24	12	2	1	86	44	96	49			1.15		.90		9544	4329	
2589	108	56	85	44	23	12	2	1	87	45	98	50			1.11		1.00		9944	4511	
2590	100	51	77	40	23	12	2	1	71	37	97	50			1.03		1.00		9844	4465	
2591	93	48	70	38	23	12	2	1	82	42	96	49			.97		1.00		9544	4329	
2592	110	57	88	45	22	11	2	1	81	42	96	49			1.15		1.00		9544	4329	
2593	100	51	78	40	22	11	2	1	78	40	97	50			1.03		1.00	1.00	9844	4465	
2594	98	50	76	39	22	11	2	1	72	37	95	49			1.04		1.00		9344	4238	
4044	103	53	81	42	22	11	1	1	92	47	97	50			1.06		1.20		9844	4465	
4063	111	57	90	48	21	11	2	1	86	44	96	49			1.15		1.20		9644	4375	
4177	111	57	90	48	21	11	2	1	82	42	95	49			1.17		1.10		9444	4284	
4313	97	50	75	39	22	11	1	1	72	37	96	49			1.01		1.10		9544	4329	
4331	115	59	90	48	25	13	2	1	92	47	96	49			1.20		.90		9544	4329	
4336	102	52	79	41	23	12	2	1	68	35	94	48			1.09		1.10		9144	4148	
4435	107	55	83	43	24	12	2	1	79	41	96	49			1.12		1.10		9544	4329	
4705	109	56	81	42	28	14	2	1	77	40	96	49			1.14		1.10	1.10	9544	4329	
4953	101	52	77	40	24	12	2	1	71	37	94	48			1.08		1.10		9244	4193	

## LANDING DATA - MODEL T-2C

USS ENTERPRISE (CVN-65)

DAY LANDINGS

LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1886	6.3	1.9	7.2	2.2	7.5	2.3	7.3	2.2			3.3	.058	2.8	.049	18.4	5.6	15.7	4.8
1887	6.9	2.1	6.6	2.0	6.0	1.6	6.5	2.0			3.5	.061	2.5	.044	12.4	3.6	9.1	2.8
1888	5.4	1.6	5.3	1.6	4.7	1.4	5.0	1.5			2.4	.042	1.6	.028	14.3	4.4	11.5	3.5
1889	6.7	2.1	7.0	2.1	3.7	1.1	5.3	1.6			2.7	.047	1.9	.033	17.2	5.2	14.6	4.4
1890	4.9	1.5	3.8	1.2	3.9	1.2	3.8	1.2			2.0	.035	1.0	.018	13.9	4.2	11.3	3.5
1891	7.4	2.2	7.6	2.3	7.3	2.2	7.6	2.3					2.7	.047				
1892	4.6	1.4	4.7	1.4	4.9	1.5	4.5	1.4			3.1	.055	1.3	.023	11.3	3.4	9.0	2.7
1893	7.2	2.2	7.7	2.3	6.1	1.9	6.8	2.1			3.1	.054	2.9	.051	15.8	4.8	13.2	4.0
1895	6.3	1.9	7.0	2.1	7.3	2.2	7.2	2.2			3.1	.055	3.0	.052	16.2	4.9	13.7	4.2
1896	4.2	1.3	4.8	1.5	5.6	1.7	5.5	1.7			3.6	.062	2.6	.045	15.6	4.8	13.0	4.0
1897	8.6	2.6	8.9	2.7	8.5	2.6	8.0	2.7			3.3	.057	3.0	.053	14.7	5.7	12.5	3.8
1898	11.2	3.4	10.5	3.2	12.0	3.6	11.3	3.4			4.4	.077	4.8	.083	18.7	5.7	15.7	4.8
1899	7.9	2.4	11.8	3.6	7.5	2.3	8.1	2.5			4.4	.077	3.5	.061	17.2	5.2	14.3	4.3
1701	11.7	3.6	10.9	3.3	13.1	4.0	11.9	3.6			4.0	.070	4.9	.085	17.6	5.4	14.8	4.5
1703	10.6	3.2	10.9	3.3	9.9	3.0	10.4	3.2			3.9	.068	4.7	.081	19.3	5.9	16.4	5.0
1704	7.2	2.2	12.3	3.8	7.5	2.3	10.0	3.0			4.1	.072	4.5	.079	16.6	5.1	13.1	4.0
1705	7.6	2.3	8.8	2.7	8.6	2.4	8.4	2.6			2.2	.039	3.2	.058	14.0	4.3	11.6	3.5
1706	4.9	1.5	5.3	1.6	6.0	1.8	5.7	1.7			2.5	.044	2.0	.034	17.9	5.5	15.7	4.8
1707	6.8	2.1	9.3	2.8	6.8	2.1	6.2	1.9			2.3	.040	2.6	.046	10.0	3.0	7.1	2.2
1708	6.9	2.1	6.9	2.1	6.5	2.0	6.7	2.0			2.6	.046	2.3	.040	13.8	4.2	11.6	3.5
1709	9.7	2.9	9.2	2.8	9.5	2.9	9.4	2.9			2.9	.051	3.3	.058	15.1	4.6	12.7	3.9
1710	5.7	1.7	8.1	2.5	4.6	1.4	6.5	2.0			2.0	.036	2.3	.040	11.5	3.5	9.3	2.8
1711	7.6	2.3	9.2	2.8	7.9	2.4	8.3	2.5			3.3	.057	3.3	.057	16.6	5.1	14.1	4.3
1750	8.1	2.5	9.2	2.8	7.5	2.3	7.7	2.4			3.2	.055	2.8	.050	19.9	6.1	17.4	5.3
1759	6.6	2.0	7.6	2.3	5.3	1.6	6.5	2.0			2.4	.041	2.3	.041	16.2	4.9	13.8	4.2
1760	7.1	2.2	6.0	1.8	7.4	2.2	6.5	2.0			2.0	.036	2.2	.039	14.6	4.5	12.1	3.7
1763	7.4	2.2	6.5	2.0	6.9	2.1	6.7	2.0			3.1	.054	2.3	.040	18.3	5.6	16.1	4.9
1764	9.6	2.9	10.4	3.2	10.7	3.2	11.0	3.3			4.4	.076	4.2	.073	21.6	6.6	19.0	5.8
1765	8.1	2.5	12.6	3.8	7.0	2.1	7.6	2.3			2.6	.045	2.9	.050	18.4	5.6	16.0	4.9
1767	6.7	2.0	6.5	2.0	5.4	1.6	6.2	1.9			3.0	.053	2.5	.044	17.6	5.4	15.0	4.6
1768	6.3	1.9	6.3	1.9	7.6	2.3	7.7	2.3			3.3	.057	3.2	.056	14.0	4.3	11.3	3.4
1769	6.1	1.9	5.7	1.7	5.3	1.6	5.5	1.7			2.1	.037	2.0	.035	17.5	5.3	14.7	4.5
1770	5.4	1.6	4.3	1.3	5.4	1.7	4.2	1.3					1.2	.020				
1771	7.7	2.3	8.2	2.5	6.8	2.1	6.8	2.1			2.3	.041	2.4	.043	14.5	4.4	11.8	3.6
1772	7.8	2.4	7.6	2.3	7.1	2.2	7.1	2.2			1.9	.033	3.0	.053	13.1	4.0	10.3	3.2
1773	7.4	2.3	8.7	2.7	8.6	2.6	8.9	2.7			2.7	.047	3.6	.063	17.7	5.4	14.5	4.4
1774	6.9	2.1	5.7	1.7	6.2	1.9	6.1	1.9			2.9	.050	2.4	.041	14.6	4.5	11.9	3.6
1775	8.3	2.5	8.4	2.6	6.4	1.9	7.4	2.3			2.6	.045	3.0	.053	13.7	5.3	14.8	4.5
1776	8.6	2.6	9.1	2.6	9.3	2.8	9.2	2.8			2.2	.039	3.6	.062	17.3	4.2	11.2	3.4
1777	12.4	3.8	9.1	2.8	12.8	3.9	10.5	3.2			2.7	.047	3.5	.061	13.9	4.2	10.9	3.3

## LANDING DATA - MODEL T-2C USS ENTERPRISE (CVN-65) DAY LANDINGS

UNDC	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE	PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP		FT	M	FT	M
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
1778	8.3	2.5	8.1	2.5	7.0	2.1	7.5	2.3			2.0	.035	2.5	.044	18.8	5.7	16.3	5.0		
1779	9.5	2.9	10.2	3.1	9.2	2.8	9.6	2.9			2.9	.051	3.6	.063	18.9	5.8	16.6	5.1		
1780	8.3	2.5	8.5	2.6	9.1	2.8	8.6	2.6			3.4	.060	3.2	.056	21.0	6.4	18.7	5.7		
1782	9.1	2.8	9.1	2.8	9.0	2.7	9.3	2.8			4.1	.071	3.0	.052	20.4	6.2	18.3	5.6		
1783	8.2	2.5	8.9	2.7	8.8	2.1	7.9	2.4			2.8	.048	3.0	.053	19.0	5.8	16.5	5.0		
1784	8.6	2.6	7.3	2.2	9.4	2.9	8.5	2.6			3.7	.064	3.1	.053	18.5	5.6	16.1	4.9		
1785	7.0	2.1	5.9	1.8	6.3	1.9	5.7	1.7			2.0	.035	2.0	.035	8.4	2.6	5.5	1.7		
1786	8.6	2.6	9.2	2.8	6.5	2.0	7.7	2.3			3.1	.054	3.0	.053	18.8	5.7	16.3	5.0		
1787	11.9	3.6	10.8	3.3	12.4	3.8	11.5	3.5			3.9	.069	4.3	.075	13.7	4.2	11.1	3.4		
1788	10.5	3.2	3.9	1.2	8.3	2.5	8.6	2.6			2.9	.051	3.2	.056	12.5	3.8	9.6	2.9		
1789	9.0	2.7	10.7	3.3	8.0	2.4	9.4	2.9			3.6	.062	3.8	.066	17.3	5.3	14.7	4.5		
1790	7.3	2.2	8.2	2.5	5.7	1.7	6.5	2.0			2.9	.051	2.7	.046	16.7	5.1	14.0	4.3		
1793	9.3	2.8	10.3	3.2	10.8	3.3	10.1	3.1			3.7	.064	3.9	.068	16.6	5.1	13.5	4.1		
1794	6.7	2.1	5.4	1.6	6.6	2.0	5.9	1.8			2.8	.049	1.9	.033	19.5	5.9	17.4	5.3		
1795	8.0	2.4	7.2	2.2	8.8	2.7	8.0	2.4			3.6	.063	2.8	.049	21.3	6.5	19.2	5.9		
1796	8.5	2.6	10.4	3.2	8.5	2.6	9.1	2.8			2.7	.048	3.6	.063	18.6	5.7	16.0	4.9		
1797	4.4	1.3	4.4	1.4	2.3	.7	3.3	1.0			2.2	.038	1.1	.019	10.6	3.2	7.9	2.4		
1798	6.6	2.0	6.9	2.1	7.2	2.2	7.0	2.1			2.9	.051	2.6	.046	18.3	5.6	15.7	4.8		
1799	8.8	2.7	10.5	3.2	8.5	2.6	9.5	2.9			2.6	.045	3.2	.056	16.0	4.9	13.6	4.2		
1801	8.3	2.5	7.7	2.3	7.3	2.2	7.2	2.2			3.5	.061	2.7	.047	12.3	3.7	9.2	2.8		
1802	14.1	4.3	19.2	5.6	15.4	4.7	17.3	5.3			6.6	.116	6.2	.109	17.1	5.2	14.3	4.4		
1803	10.0	3.0	9.3	2.8	8.8	2.7	9.0	2.7			3.1	.054	3.2	.056	20.6	6.3	18.4	5.6		
1804	6.4	2.0	.8	.3	6.2	1.9	8.0	2.4			3.3	.058	3.2	.055	18.3	5.6	15.8	4.8		
1805	9.6	2.9	10.2	3.1	9.0	2.7	9.5	2.9			3.4	.059	3.7	.064	22.2	6.8	19.7	6.0		
1807	7.8	2.4	1.8	.6	7.1	2.2	7.1	2.2			2.6	.045	2.5	.044	17.0	5.2	14.7	4.5		
1808	9.2	2.8	7.7	2.4	6.7	2.0	7.6	2.3			3.5	.062	3.2	.055	16.5	5.0	13.5	4.1		
1809	7.3	2.2	7.1	2.1	7.0	2.1	7.5	2.3			3.1	.054	2.4	.042	15.0	4.6	13.0	4.0		
1810	8.2	2.5	7.5	2.3	5.9	1.8	7.2	2.2			2.7	.046	2.6	.045	15.5	4.7	13.2	4.0		
1812	6.5	2.0	6.8	2.1	5.3	1.6	6.5	2.0			3.1	.053	2.0	.035	14.8	4.5	12.5	3.8		
1813	7.9	2.4	7.6	2.3	7.3	2.2	7.7	2.4			2.8	.050	3.0	.053	17.8	5.4	15.1	4.6		
1814	7.1	2.2	6.9	2.1	7.7	2.3	7.1	2.2			2.7	.046	2.6	.045	17.1	5.2	14.3	4.4		
1815	5.2	1.6	5.4	1.7	5.7	1.7	5.5	1.7			3.2	.055	1.9	.034	19.5	5.9	16.9	5.1		
1817	3.3	2.5	9.8	3.0	6.8	2.1	8.3	2.5			2.2	.039	3.1	.054	16.5	5.0	14.1	4.3		
1819	5.7	1.7	6.1	1.6	5.8	1.8	5.9	1.8			2.2	.038	2.7	.047	16.9	5.2	14.3	4.4		
1821	6.8	2.1	6.9	2.1	5.4	1.6	6.4	1.9			2.2	.038	2.6	.046	17.2	5.2	14.7	4.5		
1822	7.3	2.2	7.9	2.4	4.3	1.3	6.4	2.0			2.5	.043	2.3	.041	16.2	4.9	13.2	4.0		
1823	6.9	2.1	7.7	2.3	6.7	2.0	7.5	2.3			2.5	.044	3.0	.052	18.6	5.7	15.6	4.8		
1891	7.7	2.4	7.4	2.2	5.8	1.8	6.4	2.0			3.0	.052	2.8	.049	21.8	6.6	19.0	5.8		
1893	5.0	1.2	6.1	1.9	5.2	1.6	5.9	1.8			2.4	.042	2.1	.037	14.6	4.5	12.0	3.7		
1894	8.1	2.5	7.7	2.4	7.7	2.3	7.7	2.3			2.7	.048	3.0	.053	13.8	4.2	10.8	3.3		

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN						GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	NOSE			PORT			STBD		AVG		FREE-FLIGHT		BHM		BVW		OVER RAMP		OVER RAMP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	F/S	M/S	23	F/S	M/S	24	F/S	M/S	25	F/S	M/S	26	F/S	M/S	27	F/S	M/S	28	F/S	M/S	29	F/S	M/S	30	F/S	M/S	31	F/S	M/S	32	DEG	33	DEG	34	DEG	35	DEG	36	FT	M	37	FT	M	38	FT	M	39	FT	M	40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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## LANDING DATA - MODEL T-2C

USS ENTERPRISE (CVN-65)

DAY LANDINGS

UNDC	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT					
	PORT					STBD					AVG		FREE-FLIGHT		BHW		BVW		OVER RAMP		OVER RAMP	
	NO	NOSE	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40				
1949	8.7	2.7	10.2	3.1	8.7	2.7	6.8	2.7				.065	3.1	.054	20.7	6.3	18.4	5.6				
1950	9.1	2.8	9.7	3.0	10.3	3.1	10.0	3.0				.059	4.0	.070	18.5	5.6	15.6	4.8				
1951	9.0	2.7	8.1	2.5	9.5	2.9	7.5	2.3				.055	2.8	.049	21.2	6.5	18.8	5.7				
1953	7.3	2.2	9.2	2.8	4.9	1.5	7.0	2.1	7.1	2.2	3.1	.054	2.9	.051	19.6	6.0	16.9	5.2				
1955	8.8	2.7	10.6	3.2	7.9	2.4	9.3	2.8				.061	3.9	.069	21.0	6.4	18.5	5.7				
1956	8.7	2.7	8.9	2.7	8.2	2.5	8.4	2.6				.057	3.5	.060	17.2	5.2	14.5	4.4				
1957	6.1	1.9	6.5	2.0	2.8	.8	4.4	1.4				.043	1.4	.024	18.3	5.6	16.3	5.0				
1958	7.8	2.4	10.0	3.0	9.0	2.8	9.5	2.9				.065	3.6	.062	20.6	6.3	18.0	5.5				
1959	9.6	2.9	10.9	3.3	8.4	2.6	9.4	2.9				.082	3.6	.064	19.3	5.9	16.7	5.1				
1961	12.8	3.9	13.3	4.0	14.2	4.3	13.4	4.1				.069	5.4	.094	20.5	6.2	17.4	5.3				
1964	10.2	3.1	9.0	2.7	12.4	3.8	11.3	3.4				.074	4.1	.071	16.6	5.1	13.5	4.1				
1965	9.4	2.9	11.7	3.6	9.1	2.8	10.2	3.1				.064	4.5	.078	15.4	4.7	12.1	3.7				
1966	7.7	2.3	7.6	2.3	5.4	1.7	6.6	2.0				.047	2.5	.044	14.7	4.5	12.3	3.7				
1967	4.3	1.3	6.3	1.9	5.6	1.7	5.5	1.7				.050	1.9	.032	17.7	5.4	15.0	4.6				
1969	4.4	1.3	5.1	1.5	5.6	1.7	4.5	1.4				.055	1.7	.030	15.8	4.8	13.3	4.0				
1970	6.9	2.1	6.2	1.9	6.2	1.9	6.0	1.8	6.0	1.8		.056	2.7	.048	15.4	4.7	12.8	3.9				
1971	7.6	2.3	9.6	2.9	6.3	1.9	7.9	2.4				.044	3.0	.053	16.1	4.9	13.7	4.2				
1972	11.1	3.4	10.4	3.2	14.5	4.4	10.6	3.2				.072	4.9	.085	19.2	5.9	16.3	5.0				
1973	6.8	2.1	8.2	2.5	6.3	1.9	7.0	2.1				.051	2.9	.050	14.9	4.5	12.4	3.8				
1974	8.3	2.5	8.2	2.5	6.7	2.0	7.6	2.3				.056	3.3	.058	19.3	5.9	16.4	5.0				
1975	8.5	2.6	8.1	2.5	8.4	2.6	7.8	2.4				.063	2.6	.046	18.9	5.8	16.6	5.0				
2044	7.8	2.4	6.9	2.1	8.4	2.6	7.7	2.3				.058	2.6	.045	15.2	4.6	12.9	3.9				
2046	6.5	2.0	7.2	2.2	7.9	2.4	7.6	2.3				.049	2.9	.051	15.9	4.8	12.7	3.9				
2047	10.5	3.2	10.2	3.1	8.7	2.6	10.0	3.0				.058	4.0	.069	18.5	5.6	16.0	4.9				
2048	10.0	3.0	6.1	1.9	9.4	2.9	9.7	3.0				.055	3.7	.064	18.2	5.5	15.9	4.9				
2049	8.4	2.6	8.4	2.6	6.3	1.9	7.4	2.2				.055	3.0	.052	13.9	4.2	10.9	3.3				
2050	7.1	2.2	7.4	2.3	4.5	1.4	7.0	2.1				.044	2.8	.050	14.5	4.4	11.9	3.6				
2051	6.4	1.9	5.5	1.7	4.3	1.3	4.7	1.4				.047	1.6	.028	15.2	4.6	12.9	3.9				
2052	6.4	2.0	4.4	1.4	7.3	2.2	5.4	1.7				.040	1.8	.032	15.6	4.8	13.3	4.0				
2053	7.8	2.4	10.9	3.3	7.8	2.4	7.9	2.4				.069	3.3	.057	15.7	4.8	13.4	4.1				
2054	9.3	2.8	10.4	3.2	9.0	2.8	9.8	3.0	9.8	3.0	3.2	.056	3.9	.068	16.3	5.0	13.7	4.2				
2055	7.4	2.3	7.2	2.2	6.9	2.1	6.6	2.0				.045	2.4	.043	15.4	4.7	12.8	3.9				
2056	9.7	3.0	12.1	3.7	7.7	2.4	9.4	2.9				.056	3.4	.059	11.4	3.5	8.8	2.7				
2057	8.1	2.5	8.3	2.5	7.0	2.1	8.1	2.5				.056	2.9	.051	12.8	3.9	10.7	3.3				
2058	8.7	2.6	10.7	3.3	15.0	4.6	12.6	3.9	13.4	4.1	4.1	.072	4.3	.074	20.2	6.2	17.2	5.2				
2059	11.3	3.5	11.5	3.5	9.3	2.8	10.4	3.2				.075	4.4	.077	17.3	5.3	14.4	4.4				
2060	7.5	2.3	9.1	2.8	3.4	1.0	8.6	2.7				.051	3.2	.055	17.1	5.2	14.8	4.5				
2061	5.6	1.7	6.7	2.0	7.0	2.1	6.9	2.1	6.4	1.9	2.7	.047	3.0	.053	14.4	4.4	11.8	3.6				
2063	7.8	2.4	7.9	2.4	5.6	1.7	6.7	2.0				.036	2.4	.042	13.5	4.1	11.2	3.4				
2065	4.9	1.5	5.6	1.5	3.8	1.2	4.2	1.3				.037	1.5	.026	13.8	4.2	11.5	3.5				

## LANDING DATA -- MODEL T-2C

USS ENTERPRISE (CVN-65)

DAY LANDINGS

UNCG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE	PORT		STBD		AVG		FREE-FLIGHT		BHW	DEG	RAD	BVV	FT	M	FT	M
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	33	34	35	36	37	38	39	40
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
2066	6.0	1.8	5.7	1.7	7.7	2.3	6.7	2.0			2.5	.043	2.2	.039	13.4	4.1	11.0	3.3
2067	3.2	1.0	3.0	.9	3.3	1.0	2.7	.8			2.6	.046	.9	.016	12.7	3.9	10.2	3.1
2069	7.3	2.2	8.1	2.5	9.6	2.9	8.6	2.6			3.7	.064	2.2	.038	18.9	5.8	16.4	5.0
2070	4.4	1.3	7.4	2.3	8.7	2.6	8.1	2.5			2.8	.048	3.0	.053	14.2	4.3	11.9	3.6
2072	9.7	2.9	8.6	2.6	8.0	2.4	8.4	2.6			3.1	.053	2.9	.050	13.5	4.1	11.0	3.4
2073	11.3	3.5	11.3	3.4	11.5	3.5	11.3	3.5			4.6	.081	4.2	.074	16.4	5.0	13.8	4.2
2074	6.3	1.9	3.7	1.1	5.8	1.8	4.7	1.4			2.0	.034	1.7	.030	11.2	3.4	8.3	2.5
2076	7.3	2.2	4.4	1.4	7.5	2.3	6.3	1.9			1.4	.024	1.9	.034	11.5	3.5	9.2	2.8
2077	9.7	3.0	8.0	2.4	10.5	3.2	9.2	2.8			3.5	.062	3.4	.060	16.2	4.9	13.7	4.2
2078	5.7	1.7	6.7	2.0	6.9	2.1	6.8	2.1			3.2	.056	2.8	.049	17.9	5.5	15.3	4.7
2079	6.6	2.0	7.1	2.2	7.9	2.4	6.8	2.1			3.1	.054	2.8	.048	11.9	3.6	9.0	2.7
2080	6.5	2.0	5.8	1.8	4.7	1.4	5.2	1.6			2.8	.049	1.8	.031	14.2	4.3	12.2	3.7
2083	9.4	2.9	7.4	2.3	8.2	2.5	7.7	2.4			3.0	.052	3.1	.054	13.8	4.2	11.3	3.5
2084	9.1	2.8	6.8	2.7	10.8	3.3	9.8	3.0			4.1	.072	3.9	.067	17.7	5.4	15.2	4.6
2086	11.1	3.4	15.8	4.8	11.4	3.5	13.2	4.0			3.7	.065	5.9	.102	18.7	5.7	16.0	4.9
2087	5.7	1.7	6.9	2.1	4.0	1.2	6.4	2.0			3.0	.052	2.7	.048	17.3	5.3	14.9	4.5
2088	11.0	3.3	10.9	3.3	11.8	3.6	11.4	3.5			4.4	.076	4.7	.082	21.7	6.6	18.8	5.7
2089	6.5	2.0	9.0	2.7	7.9	2.4	7.2	2.2			2.2	.038	3.0	.053	14.6	4.5	12.2	3.7
2091	6.8	2.1	8.4	2.6	6.8	2.1	6.3	1.9			3.5	.062	2.6	.046	17.7	5.4	15.5	4.7
2092	7.7	2.3	7.5	2.3	7.6	2.3	7.6	2.3			2.8	.050	3.1	.054	13.5	4.1	10.8	3.3
2093	6.3	1.9	9.8	3.0	4.9	1.5	7.3	2.2			2.6	.046	2.7	.048	15.6	4.8	13.1	4.0
2094	4.3	1.3	8.0	1.8	5.2	1.6	5.6	1.7	5.3	1.6	2.5	.044	1.9	.033	14.2	4.3	12.1	3.7
2095	6.5	2.0	7.0	2.1	4.7	1.4	5.2	1.6			2.1	.036	1.9	.033	10.7	3.3	8.2	2.5
2096	4.6	1.4	5.4	1.6	7.2	2.2	6.1	1.9			2.0	.035	2.2	.039	13.1	4.0	10.6	3.2
2097	8.2	2.5	7.4	2.3	7.0	2.1	7.0	2.1			2.6	.046	2.8	.050	14.7	4.5	12.4	3.8
2098	6.0	1.8	5.8	1.8	9.4	2.9	7.9	2.4			3.2	.055	3.0	.053	16.4	5.0	13.8	4.2
2099	7.0	2.1	9.1	2.8	5.8	1.8	7.3	2.2			3.4	.060	3.1	.054	16.1	4.9	13.3	4.1
2100	8.9	2.7	9.0	2.7	5.0	1.5	6.8	2.1			3.4	.060	3.0	.052	9.6	2.9	6.4	1.9
2102	8.1	2.5	10.8	3.3	9.2	2.8	10.5	3.2			3.4	.060	4.1	.072	17.2	5.2	14.5	4.4
2103	5.7	1.7	4.0	1.2	6.3	2.5	5.7	1.7			3.2	.056	2.3	.040	16.9	5.2	14.1	4.3
2105	10.3	3.1	9.1	2.8	11.6	3.5	10.1	3.1			3.5	.062	3.9	.069	15.5	4.7	13.3	4.0
2106	7.3	2.2	6.2	1.9	8.4	2.6	7.1	2.2			2.5	.044	2.8	.049	14.7	4.5	12.3	3.7
2107	5.9	1.8	7.8	2.4	5.9	1.8	6.4	1.9			2.1	.037	2.2	.038	17.1	5.2	14.7	4.5
2108	6.4	1.9	5.7	1.7	6.8	2.1	6.2	1.9			1.7	.030	2.6	.045	10.5	3.2	7.7	2.3
2109	6.8	2.1	7.1	2.2	7.4	2.3	7.0	2.1			2.5	.044	2.6	.046	17.9	5.5	15.9	4.9
2170	6.8	2.1	8.5	2.6	5.1	1.6	7.5	2.3			2.9	.050	2.9	.050	17.9	5.5	15.6	4.8
2171	5.6	1.7	9.5	2.9	3.4	1.0	4.2	1.3			3.4	.059	1.7	.031	19.0	5.8	16.2	4.9
2173	5.0	1.5	4.7	1.4	6.7	2.0	6.0	1.8			2.8	.049	2.1	.037	15.3	4.7	12.9	3.9
2174	12.9	3.9	16.9	5.2	12.6	3.8	14.3	4.4			5.9	.103	6.0	.104	17.0	5.2	13.8	4.2
2175	2.4	.7	3.2	1.0	3.9	1.2	3.5	1.1			2.5	.044	1.1	.020	15.8	4.8	13.3	4.0

## LANDING DATA - MODEL T-2C

USS ENTERPRISE (CVN-65)

DAY LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN						GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT					
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHM		BVW		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
2177	11.4	3.5	9.7	3.0	6.8	2.1	8.3	2.5			3.4	.059	3.5	.061	13.4	4.1	10.4	3.2
2201	8.3	2.5	7.6	2.3	7.0	2.1	7.3	2.2			2.2	.038	3.1	.053	16.7	5.1	14.3	4.4
2204	10.8	3.3	12.9	3.9	10.2	3.1	11.6	3.5			3.0	.052	4.6	.080	16.6	5.1	14.3	4.4
2205	8.1	2.5	11.1	3.4	6.7	2.0	8.5	2.6			3.0	.052	3.1	.055	15.1	4.6	12.7	3.9
2206	7.6	2.3	6.5	2.0	6.7	2.7	7.6	2.3			3.2	.056	3.0	.052	21.8	6.6	19.4	5.9
2207	6.8	2.1	8.2	2.5	7.3	2.2	7.3	2.2			3.3	.057	3.4	.059	17.3	5.3	14.7	4.5
2209	8.7	2.6	7.8	2.4	7.2	2.2	7.1	2.2			2.2	.038	2.7	.047	11.9	3.6	9.4	2.9
2210	5.5	1.7	3.8	1.2	5.1	1.5	4.7	1.4			3.1	.054	1.7	.030	17.1	5.2	14.5	4.4
2211	6.7	2.0	8.5	2.6	4.6	1.4	5.8	1.8			2.2	.038	2.3	.040	14.8	4.5	11.7	3.6
2213	8.4	2.6	8.4	2.6	6.6	2.0	7.5	2.3			2.9	.051	3.4	.060	18.1	5.5	15.6	4.8
2214	6.2	1.9	5.8	1.8	6.0	1.8	5.9	1.8			2.2	.039	2.4	.043	11.9	3.6	9.0	2.7
2215	7.6	2.3	7.4	2.3	6.8	2.1	6.6	2.0			2.7	.048	2.8	.048	20.7	6.3	18.5	5.6
2216	10.4	3.2	12.7	3.9	10.7	3.3	11.1	3.4			2.9	.051	4.3	.075	21.4	6.5	19.4	5.9
2218	6.2	1.9	5.4	1.7	7.8	2.4	6.6	2.0			2.8	.050	2.8	.048	20.6	6.3	17.9	5.5
2219	6.0	1.8	3.7	1.1	5.6	1.7	4.6	1.4			2.4	.042	1.8	.031	12.0	3.7	9.8	3.0
2220	7.8	2.4	8.2	2.5	5.9	1.8	6.9	2.1			2.6	.045	2.9	.050	18.3	5.6	16.2	4.9
2221	5.8	1.8	6.1	1.9	3.6	1.1	4.7	1.4			2.7	.048	1.9	.033	20.4	6.2	18.0	5.5
2222	6.8	2.1	6.7	2.1	9.1	2.8	7.6	2.3			2.9	.050	3.1	.054	11.4	3.5	8.9	2.7
2223	7.3	2.2	7.6	2.3	8.2	2.5	8.3	2.5			3.3	.057	3.2	.055	18.1	5.5	15.8	4.8
2224	8.8	2.7	11.8	3.6	6.1	1.9	9.2	2.8			3.2	.057	4.0	.070	17.8	5.4	15.0	4.6
2227	8.4	2.6	6.1	1.9	9.2	2.8	7.6	2.3			2.3	.041	3.1	.054	11.1	3.4	8.7	2.7
2228	7.9	2.4	12.5	3.8	5.4	1.7	9.1	2.8			3.5	.061	3.7	.064	24.6	7.5	21.7	6.6
2229	6.4	1.9	9.6	2.9	6.1	1.8	7.4	2.3			2.6	.045	2.8	.050	19.0	5.8	16.6	5.1
2230	8.6	2.6	8.4	2.5	6.5	2.0	6.7	2.1			2.9	.050	2.5	.044	13.9	4.2	11.3	3.4
2231	9.3	3.0	10.6	3.2	9.2	2.8	10.4	3.2			3.8	.067	4.4	.076	24.3	7.4	21.5	6.5
2232	5.5	1.7	6.0	1.8	5.2	1.6	5.1	1.5			2.2	.039	2.3	.040	12.8	3.9	10.2	3.1
2233	11.3	3.5	12.6	3.8	9.1	2.8	10.5	3.2			3.4	.059	4.2	.073	18.8	5.7	16.6	5.1
2234	8.4	2.0	7.3	2.2	5.6	1.7	6.8	2.1			2.6	.045	2.6	.045	16.7	5.1	14.3	4.4
2235	6.0	1.8	8.0	2.7	6.6	2.0	7.7	2.4			2.8	.048	3.4	.060	16.9	5.2	14.5	4.4
2238	9.3	2.8	7.9	2.4	8.6	2.6	8.2	2.5			2.5	.044	2.9	.050	11.0	3.4	8.9	2.7
2239	4.9	1.5	5.3	1.6	2.7	.8	4.0	1.2			1.7	.030	1.5	.026	13.9	4.2	11.5	3.5
2240	9.4	2.9	8.8	2.7	9.8	3.0	9.3	2.8			4.0	.069	3.8	.066	17.2	5.2	14.8	4.5
2241	5.0	1.5	5.0	1.5	4.2	1.3	4.6	1.4			2.1	.037	1.8	.032	12.2	3.7	9.9	3.0
2242	8.7	2.7	6.8	2.1	7.9	2.4	7.4	2.3			2.9	.051	3.3	.057	13.8	4.2	11.0	3.4
2243	7.8	2.4	7.4	2.3	6.0	2.5	7.7	2.3			2.7	.047	3.1	.055	16.1	4.9	13.8	4.2
2244	8.8	2.7	10.1	3.1	7.3	2.2	7.7	2.3			2.6	.045	3.3	.058	14.2	4.3	11.5	3.5
2245	7.9	2.4	7.1	2.1	8.7	2.7	7.5	2.3			3.1	.055	3.2	.055	17.4	5.3	14.4	4.4
2247	7.4	2.3	11.0	3.4	4.8	1.5	7.1	2.1			3.2	.056	2.9	.051	18.4	5.6	15.6	4.8
2248	7.7	2.4	5.9	1.8	11.0	3.4	8.6	2.6			4.3	.075	3.2	.056	19.7	6.0	17.2	5.2
2249	8.4	2.5	8.6	2.6	6.4	2.0	7.9	2.4			2.9	.051	3.2	.056	17.3	5.3	14.2	4.3

## LANDING DATA - MODEL T-2C

USS ENTERPRISE (CVN-65)

DAY LANDINGS

UNDC	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVW		OVER RAMP		OVER RAMP		
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	31	32	33	34	35	36	37	38	39	40
22																				
22251	10.9	3.3	11.0	3.3	9.9	3.0	10.4	3.2					4.0	.070	4.0	.070	20.8	6.3	18.7	5.7
22252	7.2	2.2	7.8	2.4	7.3	2.2	7.8	2.4					2.5	.044	3.1	.054	14.5	4.4	12.1	3.7
22253	10.7	3.2	8.1	2.5	10.1	3.1	9.0	2.7					3.4	.060	3.5	.061	15.4	4.7	13.0	4.0
22254	10.1	3.1	9.5	2.9	10.3	3.1	9.7	3.0					3.0	.052	4.0	.069	18.1	5.5	15.6	4.7
22255	6.2	1.9	6.8	2.1	6.9	2.1	7.0	2.1					2.3	.040	2.8	.049	13.5	4.1	11.2	3.4
22256	6.7	2.0	7.8	2.4	4.5	1.4	5.9	1.8					2.5	.044	2.5	.043	16.6	5.1	14.0	4.3
22257	7.2	2.2	7.9	2.4	6.3	1.9	7.1	2.2					2.6	.045	3.1	.053	15.5	4.7	12.9	3.9
22259	6.7	2.0	7.5	2.3	4.4	1.3	5.8	1.8							2.8	.048				
22260	5.1	1.6	5.3	1.6	4.1	1.3	4.4	1.4					2.3	.040	1.9	.034	11.4	3.5	8.5	2.6
22261	6.2	1.9	9.5	2.9	4.3	1.3	7.4	2.3					2.5	.043	3.3	.057	17.8	5.4	15.1	4.6
22262	7.8	2.4	8.7	2.6	6.2	1.9	6.8	2.1					3.3	.057	2.7	.047	15.1	4.6	12.8	3.9
22263	5.3	1.6	4.7	1.4	4.7	1.4	4.2	1.3					2.4	.042	1.8	.032	15.7	4.8	13.3	4.0
22264	7.2	2.2	6.4	2.0	8.2	2.5	7.3	2.2					3.3	.058	3.1	.055	9.4	2.9	6.8	2.1
22265	5.3	1.6	6.8	2.1	4.9	1.5	5.8	1.8					2.4	.042	2.4	.042	12.6	3.8	10.2	3.1
22266	7.4	2.3	7.7	2.4	6.1	1.8	7.0	2.1					2.2	.039	3.0	.052	15.7	4.8	13.0	4.0
22267	8.5	2.6	8.8	2.7	8.3	2.5	7.9	2.4					2.9	.051	3.4	.060	12.8	3.9	10.4	3.2
22269	7.4	2.3	6.8	2.1	8.0	2.4	7.4	2.3					3.3	.057	3.1	.054	20.9	6.4	18.4	5.6
22270	9.6	2.9	9.3	2.8	10.0	3.0	9.6	2.9					3.8	.067	3.8	.067	25.8	7.9	23.2	7.1
22271	6.8	2.1	7.7	2.3	7.7	2.4	7.6	2.3	5.8	1.8			2.9	.051	2.9	.051	15.9	4.8	13.4	4.1
22273	5.5	1.7	6.2	1.9	8.1	2.5	7.1	2.2					4.2	.073	5.1	.089	21.9	6.7	19.7	6.0
22275	11.2	3.4	12.3	3.7	11.5	3.5	11.9	3.6					2.7	.048	2.6	.046	20.1	6.1	17.9	5.5
22276	6.8	2.1	6.6	2.0	7.3	2.2	7.0	2.1					2.9	.050	2.8	.049	16.5	5.0	14.1	4.3
22277	7.2	2.2	7.9	2.4	6.0	1.8	6.8	2.1					3.2	.055	2.7	.047	14.1	4.3	11.9	3.6
22278	7.1	2.2	7.2	2.2	6.4	2.0	6.8	2.1					2.4	.042	3.9	.069	18.9	5.8	16.5	5.0
22280	9.1	2.8	9.2	2.8	9.3	2.8	9.3	2.8					2.5	.043	2.4	.041	12.7	3.9	9.7	3.0
22282	5.5	1.7	4.9	1.5	4.4	1.3	4.8	1.5					3.0	.053	2.7	.048	13.4	4.1	11.2	3.4
22283	7.6	2.3	4.5	1.4	5.6	1.7	4.9	1.5					2.0	.035	2.1	.037	12.4	3.8	9.8	3.0
22284	3.8	1.2	5.9	1.8	5.0	1.5	5.0	1.5					2.6	.046	2.5	.044	21.7	6.6	19.4	5.9
22285	6.1	1.8	6.2	1.9	5.8	1.8	6.0	1.8					2.8	.049	2.5	.043	11.5	3.5	9.0	2.8
22286	6.4	2.0	7.7	2.3	6.0	1.8	5.9	1.8					2.3	.040	2.6	.045	14.8	4.5	12.3	3.8
22287	5.9	1.8	7.1	2.2	5.3	1.6	5.9	1.8					3.1	.054	3.4	.060	14.4	4.4	12.4	3.8
22288	9.3	2.8	10.3	3.1	8.7	2.7	8.8	2.7					2.7	.047	2.9	.051	21.7	6.6	19.5	5.9
22289	7.1	2.2	7.0	2.1	6.8	2.1	6.9	2.1					4.3	.075	4.9	.086	16.5	5.0	14.1	4.3
22290	11.9	3.6	12.0	3.7	12.0	3.7	12.4	3.8					3.2	.055	4.2	.073	15.7	4.8	12.7	3.9
22291	8.8	2.7	8.8	2.7	9.1	2.8	8.9	2.7					2.9	.050	2.6	.046	19.2	5.9	17.2	5.2
22292	7.0	2.1	6.1	1.9	7.0	2.1	6.7	1.9					4.2	.074	3.9	.069	15.9	4.8	13.2	4.0
22293	9.5	2.9	11.6	3.5	7.9	2.4	9.7	3.0					2.5	.044	3.2	.055	14.9	4.5	12.5	3.8
22294	7.5	2.3	7.3	2.2	6.3	1.9	7.1	2.2					2.2	.038	2.7	.047	14.9	4.5	12.7	3.9
22295	6.7	2.0	6.8	2.1	5.7	1.7	6.2	1.9					3.3	.058	2.7	.047	13.7	4.2	11.5	3.5
22296	6.8	2.1	6.6	2.0	6.4	2.0	6.9	2.1												

## LANDING DATA - MODEL T-2C USS ENTERPRISE (CVN-65) DAY LANDINGS

LNCG	NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
		NOSE		PORT		STBD		AVG		FREE-FLIGHT		BMW		BVV		FT	M	FT	M
		F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEC	RAD	DEC	RAD				
	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
2297	7.4	2.3	2.4	7.0	2.4	6.0	1.0	6.5	2.0			3.2	.056	3.2	.055	13.3	4.1	10.7	3.3
2298	6.5	2.0	2.3	7.4	2.3	6.1	1.9	7.1	2.2			2.6	.046	2.9	.050	15.0	4.6	12.6	3.6
2299	7.6	2.3	2.8	9.3	2.8	7.7	2.4	8.5	2.6			2.5	.044	3.5	.060	17.1	5.2	14.9	4.5
2300	7.3	2.2	2.3	7.4	2.3	7.0	2.3	7.6	2.3			3.1	.053	3.0	.053	14.7	4.5	12.2	3.7
2301	8.6	2.6	10.1	3.1	8.6	2.6	2.6	9.4	2.9			3.1	.054	3.7	.065	17.5	5.3	15.2	4.6
2302	6.5	2.0	6.4	2.0	8.0	2.4	2.4	7.2	2.2			3.6	.063	3.0	.052	23.9	7.3	21.1	6.4
2303	8.4	2.6	8.0	2.7	8.7	2.6	2.6	8.3	2.5			3.0	.052	3.3	.057	14.7	4.5	12.1	3.7
2304	9.6	2.9	8.2	2.5	10.1	3.1	9.3	2.8	2.8			3.8	.067	3.9	.068	12.1	3.7	9.6	2.9
2305	5.3	1.6	2.0	.6	4.1	1.2	3.0	.9	.9			2.4	.041	1.2	.021	7.9	2.4	5.1	1.6
2306	8.2	2.5	9.2	2.8	11.1	3.4	10.2	3.1	3.1			3.7	.065	4.7	.081	13.5	4.1	10.2	3.1
2307	9.5	2.8	8.2	2.5	10.5	3.2	9.3	2.8	2.8			4.4	.077	3.9	.068	18.5	5.6	16.3	5.0
2308	11.9	3.6	10.4	3.2	10.6	3.2	11.3	3.4	3.4			3.8	.066	4.9	.085	16.2	4.9	13.7	4.2
2309	10.2	3.1	8.8	2.7	10.9	3.3	10.4	3.2	3.2			3.7	.064	4.1	.071	14.9	4.5	12.0	3.7
2310	6.9	2.1	9.9	3.0	5.7	1.7	8.1	2.5	2.5			3.1	.054	3.5	.060	16.0	4.9	13.8	4.2
2312	2.2	.7	3.5	1.1	3.7	1.1	3.4	1.0	1.0			2.2	.038	1.3	.022	11.9	3.6	9.3	2.8
2313	8.4	2.6	11.2	3.4	7.8	2.4	10.0	3.0	3.0			4.0	.069	3.9	.068	18.3	5.6	15.9	4.8
2316	5.8	1.8	9.9	3.0	13.0	4.0	11.3	3.4	3.4			4.2	.073	5.1	.089	15.2	4.6	11.6	3.5
2317	10.1	3.1	12.3	3.7	9.2	2.8	11.6	3.5	3.5			4.3	.076	4.3	.075	19.2	5.9	16.4	5.0
2319	10.1	3.1	11.5	3.4	9.2	2.8	8.4	2.5	2.5			3.3	.057	3.3	.058	14.3	4.4	11.8	3.6
2320	10.8	3.3	11.2	3.4	9.2	2.8	8.4	2.5	2.5			3.5	.061	4.0	.070	14.1	4.3	11.2	3.4
2322	9.6	2.9	8.0	2.4	9.4	2.9	8.7	2.7	2.7			2.8	.048	3.4	.060	13.9	4.2	10.9	3.3
2324	7.8	2.4	10.8	3.3	6.3	1.9	8.4	2.6	2.6			2.7	.048	3.1	.054	12.1	3.7	9.0	2.7
2326	11.0	3.3	9.0	2.7	10.2	3.1	9.6	2.9	2.9			3.4	.059	4.1	.071	15.0	4.6	12.1	3.7
2327	13.9	4.2	12.2	3.7	9.6	2.9	11.0	3.3	3.3			4.8	.084	4.9	.086	16.9	5.2	14.0	4.3
2328	9.7	3.0	7.3	2.2	9.0	2.8	8.2	2.5	2.5			2.9	.051	3.4	.060	10.1	3.1	6.8	2.1
2330	3.7	1.1	3.8	1.1	5.6	1.7	5.3	1.6	1.6			2.3	.040	2.2	.038	11.7	3.6	8.8	2.7
2331	7.3	2.2	8.8	3.0	7.4	2.2	8.7	2.7	2.7			3.2	.056	3.9	.068	16.7	5.1	13.7	4.2
2333	8.3	2.5	9.5	2.9	10.0	3.1	9.8	3.0	3.0			2.9	.050	4.2	.073	19.5	5.9	16.8	5.1
2334	5.5	1.7	5.6	1.7	3.6	1.2	4.9	1.5	1.5			3.1	.054	1.9	.034	23.3	7.1	20.9	6.4
2335	7.3	2.2	6.9	2.1	7.6	2.3	7.1	2.2	2.2			2.7	.047	3.0	.052	19.0	5.8	17.1	5.2
2336	8.6	2.6	8.0	2.4	7.6	2.3	7.6	2.3	2.3			3.1	.054	3.1	.055	18.7	5.7	16.4	5.0
2338	9.5	2.9	9.4	2.9	9.8	3.0	9.2	2.8	2.8			3.1	.054	3.6	.063	20.6	6.3	18.8	5.7
2339	10.8	3.3	11.0	3.3	11.6	3.5	11.3	3.4	3.4			3.1	.055	4.4	.073	15.5	4.7	12.7	3.9
2340	3.3	1.0	6.6	2.0	6.4	2.0	5.7	1.7	1.7			2.4	.042	2.5	.044	15.1	4.6	12.7	3.9
2341	4.5	1.4	7.4	2.3	8.6	2.6	7.5	2.3	2.3			2.3	.041	2.3	.039	15.1	4.6	12.7	3.9
2342	6.0	1.8	5.5	1.7	6.3	1.9	5.7	1.7	1.7			3.0	.053	3.2	.057	15.0	4.6	12.5	3.8
2346	7.9	2.4	8.6	2.6	8.1	2.5	8.3	2.5	2.5			2.7	.047	3.8	.066	21.1	6.4	18.3	5.6
2347	8.2	2.5	9.4	2.9	8.6	2.6	9.0	2.7	2.7	8.9	2.7	3.7	.064	2.6	.046	13.0	4.0	10.6	3.2
2348	8.9	2.1	6.1	1.8	7.2	2.2	6.3	1.9	1.9			2.4	.041	2.6	.046	13.0	4.0	10.6	3.2
2349	9.6	2.9	9.7	2.9	8.5	2.6	9.1	2.8	2.8			3.4	.059	3.9	.069	16.9	5.2	14.4	4.4

## LANDING DATA - MODEL T-2C

USS ENTERPRISE (CVN-65)

DAY LANDINGS

UNCG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT			
	PORT					STBD					FREE-FLIGHT		BHW		BVW		OVER RAMP		OVER RAMP	
	NO	NOSE	F/S	M/S	W/S	F/S	M/S	W/S	AVG	F/S	M/S	W/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
2350	6.9	2.1	9.1	2.8	7.6	2.3	8.1	2.5			3.0	.053	3.6	.063	17.9	5.5	14.9	4.5		
2351	7.4	2.3	6.7	2.0	7.5	2.3	7.1	2.2			3.4	.059	3.3	.057	15.6	4.8	12.7	3.9		
2352	6.1	1.9	6.5	2.0	6.3	1.9	6.3	1.9			2.9	.051	2.7	.048	16.2	4.9	13.7	4.2		
2354	5.8	1.8	5.7	1.7	4.2	1.3	4.0	1.2			2.1	.037	1.7	.029	8.6	2.6	6.2	1.9		
2355	6.3	1.9	8.5	2.6	6.6	2.0	7.4	2.3			3.0	.052	3.4	.059	23.0	7.0	18.9	5.7		
2356	6.2	1.9	6.8	2.1	6.4	2.0	6.6	2.0			2.7	.047	2.6	.045	16.2	4.9	14.1	4.3		
2357	9.8	3.0	9.5	2.9	10.6	3.2	10.1	3.1			3.4	.059	4.1	.071	19.3	5.9	17.0	5.2		
2358	7.2	2.2	8.4	2.5	5.5	1.7	6.8	2.1			2.3	.040	2.8	.048	16.6	5.1	14.4	4.4		
2359	7.9	2.4	6.9	2.1	8.6	2.6	7.6	2.3			2.6	.046	3.2	.056	16.8	5.1	14.3	4.4		
2360	7.9	2.4	5.9	1.8	8.3	2.5	7.1	2.2			2.7	.047	2.9	.050	14.9	4.5	12.3	3.7		
2361	7.9	2.4	7.8	2.4	7.7	2.3	8.1	2.5			3.6	.062	3.2	.057	17.7	5.4	15.3	4.6		
2362	8.8	2.7	13.1	4.0	8.2	2.5	10.7	3.3												
2363	8.1	2.5	7.4	2.3	7.2	2.2	6.0	1.8			2.8	.049	2.5	.043	15.7	4.8	13.2	4.0		
2364	8.2	2.6	8.9	2.7	7.3	2.2	8.1	2.5												
2365	7.8	2.4	9.9	3.0	7.8	2.4	8.8	2.7			3.0	.052	3.7	.065	17.2	5.2	14.5	4.4		
2366	8.1	2.5	8.1	2.5	7.2	2.2	7.7	2.3			2.6	.046	3.3	.057	16.0	4.9	13.5	4.1		
2367	8.2	1.9	6.9	2.1	5.4	1.6	6.2	1.9			2.2	.039	2.3	.041	13.3	4.1	11.0	3.3		
2368	7.5	2.3	6.1	1.8	7.3	2.2	6.7	2.0			2.1	.037	2.8	.048	13.7	4.2	11.3	3.5		
2369	9.8	3.0	7.2	2.2	8.9	2.7	8.5	2.6			3.5	.061	3.4	.060	19.3	5.9	16.8	5.1		
2370	5.6	1.7	5.7	1.7	6.4	1.9	5.5	1.7			2.8	.048	2.2	.039	15.3	4.7	12.9	3.9		
2412	7.4	2.2	9.2	2.8	5.1	1.5	7.6	2.3			2.4	.043	3.3	.058	11.7	3.6	8.9	2.7		
2413	9.2	2.8	7.7	2.3	10.0	3.1	9.0	2.7			3.6	.062	4.0	.069	13.6	4.1	10.9	3.3		
2415	6.4	1.9	8.8	2.1	5.9	1.8	6.1	1.9			2.6	.045	2.5	.044	11.2	3.4	8.6	2.6		
2417	4.3	1.3	6.1	1.9	4.0	1.2	4.5	1.4			2.3	.040	1.8	.032	10.2	3.1	7.1	2.2		
2419	5.0	1.5	2.6	.8	7.2	2.2	5.0	1.5			2.2	.038	2.0	.035	13.9	4.2	11.3	3.5		
2420	6.1	1.9	6.1	1.9	6.9	2.1	6.4	1.9			2.3	.041	2.5	.044	9.1	2.8	5.9	1.8		
2421	7.0	2.3	9.8	3.0	7.7	2.4	8.8	2.7			2.5	.043	3.7	.065	16.3	5.0	14.2	4.3		
2422	5.1	1.6	6.7	2.0	5.8	1.8	6.3	1.9			2.6	.045	3.0	.052	11.5	3.5	8.6	2.6		
2425	11.4	3.5	10.5	3.2	9.6	2.9	10.1	3.1			3.1	.054	4.2	.074	18.3	5.6	15.8	4.8		
2428	4.7	1.4	9.8	3.0	1.0	.3	3.8	1.1			2.6	.046	1.6	.028	9.5	2.9	6.3	1.9		
2429	5.8	1.8	6.2	1.9	4.1	1.3	4.9	1.5			2.0	.035	2.0	.035	11.6	3.5	9.0	2.7		
2431	9.8	3.0	9.7	2.9	9.5	2.9	9.7	2.9			3.4	.059	4.1	.072	16.0	4.9	13.5	4.1		
2432	8.4	2.6	10.9	3.3	7.8	2.4	9.1	2.8			2.3	.041	3.3	.058	13.7	4.2	11.2	3.4		
2433	7.0	2.1	8.3	2.5	8.0	2.5	8.2	2.5			2.5	.043	3.3	.058	14.6	4.5	12.0	3.7		
2435	9.1	2.8	9.0	2.7	8.7	2.7	9.1	2.8			3.2	.056	3.8	.066	16.2	5.5	15.8	4.6		
2439	8.1	2.5	7.2	2.2	6.0	1.8	6.7	2.0			2.9	.050	2.5	.044	14.0	4.3	11.4	3.5		
2440	10.1	3.1	10.9	3.3	7.6	2.3	8.7	2.7			3.1	.054	3.6	.063	13.4	4.1	10.8	3.3		
2441	5.4	1.7	8.9	2.1	2.6	.8	5.0	1.5			2.3	.040	1.9	.033	12.1	3.7	9.6	2.9		
2444	6.1	1.9	2.7	.8	7.0	2.4	5.3	1.6			2.0	.035	2.2	.038	12.3	3.7	9.7	2.8		
2447	6.5	2.0	5.3	1.6	9.1	2.8	6.7	2.0			2.2	.039	2.6	.045	11.0	3.4	8.4	2.6		

## LANDING DATA - MODEL T-2C USS ENTERPRISE (CVN-65) DAY LANDINGS

LANDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
2448	9.9	3.0	10.0	3.0	3.6	1.1	6.2	1.9			2.7	.048	2.6	.045	9.6	2.9	7.0	2.1
2450	7.8	2.4	4.8	1.5	7.4	2.3	6.1	1.8			3.1	.055	2.5	.043	12.5	3.8	9.7	3.0
2451	5.1	1.6	4.8	1.5	4.5	1.4	4.6	1.4	4.6		2.3	.039	1.8	.032	13.0	4.0	10.8	3.3
2452	6.6	2.0	9.4	2.9	5.2	1.6	7.1	2.2	6.4	1.9	2.4	.042	3.0	.053	12.7	3.9	9.9	3.0
2454	9.1	2.8	7.5	2.3	8.2	2.5	7.8	2.4			3.2	.056	3.1	.054	13.3	4.1	10.9	3.3
2455	6.6	2.0	10.1	3.1	6.9	2.1	8.4	2.6			2.6	.045	3.2	.056	12.2	3.7	9.0	2.7
2456	14.6	4.5	11.1	3.4	16.1	4.9	13.7	4.2			4.3	.076	5.4	.095	15.4	4.7	11.8	3.6
2457	7.5	2.3	8.7	2.7	6.8	2.1	8.3	2.5			3.1	.054	3.4	.060	17.1	5.2	14.5	4.4
2458	7.7	2.3	8.1	2.5	8.6	2.6	8.3	2.5			3.1	.055	3.2	.057	20.5	6.2	18.2	5.5
2459	7.0	2.1	9.6	2.9	8.0	2.4	7.5	2.3			3.0	.052	3.2	.055	14.0	4.3	11.2	3.4
2460	4.8	1.5	3.9	1.2	4.9	1.5	4.1	1.3			2.4	.042	1.6	.029	12.1	3.7	9.5	2.9
2461	9.0	2.7	10.7	3.3	8.9	2.7	9.6	2.9			3.0	.053	3.8	.066	12.6	3.8	10.0	3.0
2462	7.1	2.2	6.9	2.1	7.2	2.2	7.4	2.2			3.3	.058	2.6	.045	13.2	4.0	10.7	3.3
2463	6.7	2.0	7.0	2.1	6.2	1.9	7.5	2.3			3.1	.054	2.9	.051	22.4	6.8	19.8	6.0
2465	4.9	1.5	5.4	1.6	5.0	1.5	5.6	1.7			2.4	.043	2.1	.036	11.1	3.4	8.5	2.6
2466	9.3	2.8	10.3	3.1	8.8	2.7	9.7	3.0			2.7	.047	3.6	.062	13.8	4.2	11.5	3.5
2467	8.6	2.6	10.7	3.3	8.0	2.4	9.4	2.9			3.4	.059	3.7	.064	17.5	5.3	15.1	4.6
2468	6.0	1.8	6.3	1.9	3.2	1.0	4.9	1.5			2.2	.039	2.1	.036	12.1	3.7	9.2	2.8
2469	8.5	2.6	8.5	2.6	9.3	2.8	9.7	3.0			3.3	.057	3.6	.062	14.3	4.4	12.0	3.7
2470	6.0	1.8	4.4	1.3	4.7	1.4	4.6	1.4			2.2	.038	1.7	.030	11.6	3.5	9.0	2.7
2472	7.6	2.3	7.9	2.4	9.0	2.7	8.2	2.5			2.7	.047	3.2	.055	8.8	2.7	6.0	1.8
2473	9.8	3.0	10.8	3.3	8.8	2.7	10.0	3.0			3.5	.060	4.1	.071	13.7	4.2	11.3	3.4
2475	6.3	1.9	4.7	1.4	6.2	1.9	5.2	1.6			2.3	.040	2.0	.035	9.5	2.9	7.0	2.1
2476	6.8	2.1	5.6	1.7	4.2	1.3	4.1	1.2			2.4	.043	1.6	.028	16.2	4.9	13.5	4.1
2477	7.8	2.4	6.3	2.5	7.0	2.1	7.4	2.2			2.1	.037	2.9	.050	12.3	3.7	9.8	3.0
2478	8.6	2.6	9.0	2.7	7.6	2.3	8.0	2.4			3.0	.053	3.0	.052	13.1	4.0	10.4	3.2
2479	5.4	1.7	7.6	2.3	5.1	1.6	7.2	2.2			2.2	.038	3.0	.053	15.3	4.7	12.5	3.8
2480	6.4	2.0	8.1	2.5	5.8	1.8	7.1	2.2			3.0	.052	2.8	.049	15.8	4.8	13.2	4.0
2482	10.6	3.2	12.2	3.7	8.3	2.5	10.3	3.1	8.6	2.6	3.0	.052	3.9	.068	9.6	2.9	6.9	2.1
2483	8.9	2.7	7.9	2.4	6.5	2.0	7.4	2.2			3.1	.054	2.7	.047	18.6	5.7	15.5	4.7
2484	12.2	3.7	13.8	4.2	9.5	2.9	11.6	3.5			3.6	.062	4.3	.076	15.8	4.8	13.4	4.1
2485	8.0	2.4	8.3	2.5	6.4	1.9	7.3	2.2			2.5	.044	2.9	.051	11.2	3.4	8.7	2.7
2486	5.9	1.8	8.4	2.5	4.2	1.3	5.8	1.8			2.5	.044	2.4	.041	16.8	5.1	14.8	4.5
2487	8.0	2.4	7.9	2.4	6.5	2.0	7.6	2.3			2.7	.048	3.1	.055	15.7	4.8	13.3	4.1
2491	9.5	2.9	11.6	3.5	9.1	2.8	10.9	3.3			2.7	.048	4.7	.083	14.1	4.3	11.3	3.4
2492	5.4	1.6	5.7	1.7	3.2	1.0	4.4	1.4			2.0	.035	1.7	.030	12.4	3.8	10.2	3.1
2493	5.0	1.5	7.7	2.3	7.5	2.3	7.9	2.4	8.2	2.5	2.9	.050	3.1	.055	15.8	4.8	13.5	4.1
2494	6.0	2.0	7.6	2.3	5.6	1.7	6.5	2.0			2.8	.049	2.9	.051	18.1	5.5	15.6	4.8
2496	9.0	2.8	7.8	2.4	7.2	2.2	7.6	2.3			3.0	.052	3.2	.056	15.0	4.6	12.7	3.9
2497	6.5	2.0	4.7	1.4	6.9	2.1	5.8	1.8			2.6	.045	2.4	.041	14.0	4.3	11.6	3.5

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

UNCG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT OVER RAMP		HOOK HEIGHT OVER RAMP	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		FT		FT	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD				
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
2498	7.2	2.2	5.1	1.6	6.9	2.1	6.0	1.8			2.0	.034	2.4	.041	16.5	5.0	14.1	4.3
2500	7.8	2.4	7.5	2.3	7.4	2.2	7.6	2.3			2.4	.042	3.4	.059	15.3	4.7	12.7	3.9
2501	6.1	1.9	10.9	3.3	9.4	2.9	7.9	2.4			2.0	.035	3.2	.056	12.4	3.8	9.5	2.9
2503	7.7	2.3	7.7	2.3	7.9	2.4	7.8	2.4			2.3	.040	3.6	.062	13.0	4.0	10.7	3.3
2504	5.6	1.7	6.7	2.1	6.1	1.6	6.4	2.0			2.0	.035	2.6	.046	12.5	3.8	10.1	3.1
2505	5.9	1.8	10.0	3.0	5.9	1.8	7.9	2.4	8.4	2.6	2.5	.044	3.4	.060	15.3	4.7	12.7	3.9
2506	5.5	1.7	5.2	1.6	8.6	2.6	4.6	1.4			2.2	.039	2.1	.037	11.0	3.4	8.5	2.6
2507	6.7	2.0	7.0	2.1	6.3	1.9	7.0	2.1			2.6	.045	3.1	.054	13.4	4.1	11.3	3.4
2509	7.1	2.2	5.9	1.8	6.2	1.9	6.2	1.9			2.5	.044	2.7	.047	16.9	5.2	14.7	4.5
2510	6.1	1.9	4.5	1.4	6.8	2.1	5.7	1.7	5.5	1.7	2.2	.039	2.4	.042	16.4	5.0	13.9	4.2
2511	3.9	1.2	2.9	.9	4.3	1.3	3.6	1.1			1.6	.028	1.5	.026	11.6	3.5	9.1	2.8
2512	6.7	2.0	6.5	2.0	5.3	1.6	5.9	1.8			1.8	.032	2.9	.051	12.1	3.7	9.3	2.8
2513	5.2	1.6	4.1	1.3	4.2	1.3	4.8	1.5			2.7	.048	2.0	.035	13.2	4.0	10.5	3.2
2515	7.6	2.3	6.1	1.9	10.5	3.2	7.6	2.3			2.7	.047	3.0	.052	14.0	4.3	11.8	3.6
2516	4.4	1.3	3.3	1.0	5.8	1.8	4.7	1.4			1.7	.030	2.2	.039	9.9	3.0	7.3	2.2
2517	5.9	1.8	6.9	2.1	6.8	2.1	5.5	1.7			2.5	.044	2.4	.042	14.3	4.4	11.9	3.6
2518	5.9	1.8	7.5	2.3	5.6	1.7	6.7	2.0			1.9	.033	2.7	.046	11.8	3.6	8.6	2.6
2519	6.7	2.0	9.1	2.0	7.1	2.2	8.1	2.5			2.7	.046	3.1	.053	16.7	5.1	14.1	4.3
2520	9.6	2.9	8.3	2.5	11.0	3.3	9.6	2.9			2.9	.050	4.1	.071	14.6	4.5	11.7	3.6
2522	8.3	2.5	8.2	2.5	6.4	1.9	6.4	1.9			2.2	.038	3.3	.058	15.6	4.8	13.2	4.0
2523	9.4	2.9	10.8	3.3	9.3	2.8	9.4	2.9			2.8	.049	4.2	.073	16.4	5.0	14.0	4.3
2524	8.7	2.6	9.0	2.7	8.2	2.5	8.2	2.5			2.4	.042	2.9	.050	15.0	4.6	12.8	3.9
2525	3.0	.9	3.4	1.0	5.9	1.8	4.6	1.4	5.3	1.6	2.5	.044	2.1	.037	18.7	5.7	16.4	5.0
2526	7.9	2.4	7.6	2.3	8.1	2.5	7.9	2.4			2.4	.043	3.5	.061	13.0	4.0	10.7	3.2
2527	6.0	1.8	9.3	2.8	7.7	2.3	7.8	2.4			2.5	.044	3.0	.052	18.9	5.8	16.4	5.0
2528	9.1	2.8	8.9	2.7	8.4	2.6	8.3	2.5			2.6	.046	3.8	.068	14.1	4.3	11.5	3.5
2529	7.4	2.2	8.6	2.6	6.9	2.1	7.8	2.4			2.2	.039	3.1	.053	15.2	4.6	12.8	3.9
2530	5.7	1.7	6.3	1.9	5.8	1.8	6.0	1.8			2.3	.041	2.5	.043	16.8	5.1	14.8	4.5
2531	6.7	2.0	8.5	2.6	5.9	1.8	7.6	2.3			2.5	.044	2.7	.047	14.2	4.3	12.1	3.7
2532	6.4	2.0	8.9	2.7	4.7	1.4	6.7	2.0			2.4	.042	2.7	.047	17.5	5.3	14.9	4.5
2533	5.4	1.6	5.3	1.6	4.8	1.5	5.0	1.5			1.9	.032	1.9	.034	12.6	3.8	10.7	3.3
2534	5.3	1.6	7.2	2.2	6.3	1.9	6.6	2.0			2.0	.035	2.7	.047	14.6	4.5	12.2	3.7
2535	7.3	2.2	6.0	1.8	7.4	2.3	6.0	1.8			2.5	.043	2.5	.043	16.0	4.9	13.8	4.2
2536	8.5	2.6	7.7	2.3	5.9	1.8	6.8	2.1			2.1	.036	2.9	.051	16.6	5.1	14.0	4.3
2537	2.4	.7	7.6	2.3	3.4	1.0	4.4	1.3	4.6	1.4	2.2	.039	1.8	.031	15.8	4.8	13.5	4.1
2538	7.5	2.3	6.1	1.9	9.3	2.8	6.3	1.9	5.1	1.6	2.3	.039	2.5	.043	13.8	4.2	11.2	3.4
2539	5.1	1.5	5.9	1.8	3.3	1.0	4.6	1.4			1.8	.032	2.1	.036	12.2	3.7	9.6	2.9
2540	5.9	1.8	7.9	2.4	5.0	1.5	6.5	2.0			2.3	.040	2.5	.043	10.0	3.0	7.7	2.3
2541	7.3	2.2	8.7	2.7	5.2	1.6	7.0	2.1			1.8	.032	2.7	.046	13.8	4.2	11.0	3.3
2542	7.2	2.2	7.3	2.2	6.6	2.0	7.0	2.1			2.0	.036	2.8	.050	16.0	4.9	13.5	4.1



## LANDING DATA - MODEL T-2C USS ENTERPRISE (CVN-65) DAY LANDINGS

UNCG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT		
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BWV		OVER RAMP		OVER RAMP	
		F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
2543	6.7	2.1	7.3	2.2	5.3	1.6	6.1	1.9			2.0	.034	2.5	.044	12.5	3.8	10.1	3.1	
2544	5.2	1.6	6.9	2.1	5.1	1.6	5.6	1.7			2.0	.035	2.1	.036	11.7	3.6	9.2	2.8	
2545	6.6	2.0	5.6	1.7	6.7	2.0	6.3	1.9			2.0	.035	2.3	.040	10.4	3.2	8.1	2.5	
2546	5.6	1.7	6.2	1.9	5.4	1.6	6.3	1.9			2.7	.047	2.3	.040	16.9	5.2	14.9	4.5	
2547	4.8	1.5	4.2	1.3	4.7	1.4	3.9	1.2			1.6	.028	1.5	.027	12.4	3.8	10.0	3.1	
2548	7.3	2.2	8.3	2.5	5.2	1.6	6.5	2.0	6.6	2.0	2.2	.039	2.6	.046	15.1	4.6	12.4	3.8	
2549	6.3	1.9	7.4	2.3	7.1	2.2	7.4	2.3	7.9	2.4	2.6	.046	3.1	.054	14.6	4.5	12.2	3.7	
2550	7.4	2.2	5.8	1.8	6.8	2.1	5.6	1.7			2.6	.045	2.2	.039	12.0	3.7	9.7	3.0	
2551	10.9	3.3	11.9	3.6	11.3	3.4	11.7	3.6			3.7	.064	4.9	.085	17.9	5.5	15.6	4.8	
2552	9.2	2.8	7.8	2.4	8.6	2.6	8.4	2.6			2.8	.049	3.2	.056	15.8	4.8	13.3	4.0	
2553	4.9	1.5	6.3	1.9	6.5	2.0	6.4	1.9			2.4	.042	2.9	.051	15.7	4.8	13.0	4.0	
2554	7.7	2.4	8.2	2.5	6.1	1.9	6.7	2.1			2.2	.038	2.7	.047	16.7	5.1	14.2	4.3	
2555	7.0	2.1	5.4	1.7	6.5	2.0	6.0	1.8			2.1	.036	2.6	.046	14.2	4.3	11.6	3.5	
2557	5.8	1.8	8.7	2.6	5.9	1.8	6.4	1.9			2.1	.036	2.6	.045	13.8	4.2	11.3	3.4	
2558	7.5	2.3	8.8	2.7	6.3	1.9	7.6	2.3			2.1	.037	3.1	.055	12.7	3.9	10.2	3.1	
2559	3.6	1.1	3.9	1.2	4.4	1.3	4.1	1.3			2.1	.036	1.7	.030	13.8	4.2	11.5	3.5	
2560	8.6	2.6	9.1	2.8	8.1	2.5	8.6	2.6			2.0	.035	3.6	.063	13.7	4.2	11.0	3.4	
2561	.9	.3	2.6	.8	3.5	1.1	2.4	.7			2.1	.037	.9	.015	14.2	4.3	11.8	3.6	
2562	6.1	1.9	2.9	.9	6.8	2.1	4.8	1.5			2.1	.037	1.9	.032	12.3	3.7	10.0	3.0	
2564	3.5	1.1	6.6	2.0	5.8	1.8	6.2	1.9			2.1	.037	2.3	.040	14.6	4.5	12.5	3.8	
2565	7.5	2.3	11.3	3.4	8.9	2.7	10.1	3.1			2.5	.044	4.3	.075	13.4	4.1	11.2	3.4	
2566	4.4	1.3	5.0	1.5	5.7	1.7	5.3	1.6			2.1	.037	2.1	.036	12.6	3.8	10.2	3.1	
2567	5.2	1.6	6.5	2.0	4.7	1.4	5.5	1.7	5.3	1.6	1.8	.031	2.4	.042	12.5	3.8	10.2	3.1	
2568	5.2	1.6	8.5	2.6	6.7	2.0	7.2	2.2			2.1	.037	3.0	.053	12.9	3.9	10.4	3.2	
2570	6.8	2.1	7.6	2.4	8.5	2.6	7.6	2.3			2.2	.039	3.2	.056	15.1	4.6	12.8	3.9	
2571	8.9	2.7	10.7	3.3	10.4	3.2	10.5	3.2					5.8	.101					
2572	7.8	2.4	8.4	2.5	6.9	2.1	7.6	2.3			2.2	.038	3.3	.057	14.8	4.5	12.7	3.9	
2573	9.4	2.9	9.4	2.9	7.7	2.3	8.5	2.6			2.0	.036	3.9	.068	16.4	5.0	14.0	4.3	
2574	8.9	2.7	11.5	3.5	8.6	2.6	9.9	3.0			2.6	.045	4.2	.072	14.8	4.5	12.6	3.8	
2575	5.9	1.8	8.3	2.5	9.6	2.9	8.8	2.7	8.5	2.6	2.6	.035	3.9	.068	14.0	4.3	11.7	3.6	
2576	5.2	1.6	5.4	1.6	6.1	1.9	5.7	1.7	5.9	1.8	1.6	.028	2.7	.040	14.2	4.3	12.2	3.7	
2577	5.4	1.6	6.5	2.0	6.2	1.9	6.5	2.0	6.7	2.0	1.8	.032	2.6	.045	13.6	4.1	11.3	3.4	
2578	5.6	1.7	5.1	1.6	7.2	2.2	6.6	2.0			1.9	.034	2.7	.048	12.3	3.7	10.1	3.1	
2579	4.7	1.4	6.3	1.9	5.1	1.6	6.0	1.8			2.6	.046	3.0	.052	15.9	4.8	13.5	4.1	
2580	5.0	1.5	5.6	1.7	2.2	.7	3.8	1.1			1.6	.028	1.6	.028	14.3	4.4	11.5	3.5	
2581	7.3	2.2	7.4	2.3	10.4	3.2	8.0	2.4			2.0	.035	3.3	.057	15.4	4.7	13.0	4.0	
2582	4.9	1.5	4.4	1.3	6.0	1.8	4.9	1.5			2.1	.037	1.9	.033	12.1	3.7	9.9	3.0	
2583	4.5	1.4	4.9	1.5	8.0	2.5	6.5	2.0			2.1	.037	2.5	.043	13.7	4.2	10.7	3.3	
2584	4.6	1.4	9.0	2.7	5.4	1.6	7.2	2.2			2.2	.038	2.9	.050	16.8	5.1	14.9	4.5	
2585	7.6	2.3	6.9	2.1	7.5	2.3	7.2	2.2			1.9	.033	2.9	.051	14.9	4.5	12.4	3.8	

## LANDING DATA - MODEL T-2C USS ENTERPRISE (CVN-65) DAY LANDINGS

LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVW		OVER RAMP		OVER RAMP		
		F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M	
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
2586	7.5	2.3	5.4	1.7	9.6	2.9	7.5	2.3			1.8	.031	2.9	.050	13.0	4.0	10.6	3.2		
2587	9.4	2.9	10.9	3.3	4.8	1.5	7.9	2.4			2.1	.036	3.3	.057	14.3	4.4	11.5	3.5		
2588	8.8	2.7	12.8	3.9	5.0	1.5	8.2	2.5			2.1	.036	3.2	.056	10.6	3.2	8.2	2.5		
2589	7.8	2.4	6.6	2.0	6.9	2.1	6.8	2.1			1.9	.032	2.7	.047	12.6	3.8	10.1	3.1		
2590	6.3	1.9	7.1	2.2	4.8	1.4	6.0	1.8			1.9	.034	2.4	.042	13.9	4.2	11.5	3.5		
2591	7.9	2.4	7.0	2.1	7.2	2.2	7.1	2.2			2.0	.034	3.1	.055	15.5	4.7	12.8	3.9		
2592	6.2	1.9	6.2	1.9	7.1	2.1	6.8	2.1	6.2	1.9	2.1	.037	2.7	.048	11.7	3.6	9.4	2.9		
2593	4.9	1.5	6.5	2.0	6.3	1.9	6.0	1.8			2.1	.031	2.5	.044	12.3	3.7	9.8	3.0		
2594	5.9	1.8	7.6	2.3	5.1	1.6	5.8	1.8			2.2	.039	2.9	.050	15.3	4.7	12.5	3.8		
4044	8.0	2.4	6.5	2.0	7.8	2.4	7.3	2.2			4.0	.070	2.8	.049	18.4	5.6	16.1	4.9		
4063	6.8	2.1	7.0	2.1	6.0	1.8	6.7	2.0			3.1	.053	2.4	.042	16.7	5.1	14.3	4.4		
4177	6.8	2.1	8.5	2.6	2.6	.8	5.5	1.7			2.2	.038	2.2	.038	15.0	4.6	12.5	3.8		
4313	14.8	4.5	12.5	3.8	12.9	3.9	12.4	3.8			4.2	.073	5.6	.099	18.6	5.7	15.5	4.7		
4331	9.3	2.8	8.6	2.6	9.8	3.0	8.5	2.6			3.1	.055	3.3	.058	21.9	6.7	19.6	6.0		
4336	7.6	2.3	7.7	2.3	6.4	2.0	7.5	2.3			3.4	.059	3.2	.057	16.9	5.2	14.2	4.3		
4435	9.3	2.8	6.8	2.1	8.4	2.5	7.5	2.3			2.7	.047	3.1	.053	14.0	4.3	11.4	3.5		
4705	7.9	2.4	8.6	2.6	7.9	2.4	7.7	2.3	8.0	2.4	2.6	.046	2.5	.044	16.6	5.1	14.1	4.3		
4953	2.3	.7	5.2	1.6	5.2	1.6	5.4	1.6			3.4	.058	2.3	.040	19.8	6.0	17.0	5.2		

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LNDC	PITCH ANGLE				COLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW					
	NO	TD	OR	DEG	RAD	DEG	RAD	TD	DEG	RAD	DEG	RAD	FF	DEG	RAD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61						
1686	4.5	.079	6.3	.110			2.0	.035	-1	-.002			-7	-.012	-1.1	-.019	-2.8	-.049	3.8	.066						
1687	6.5	.113	8.7	.152			2.3	.040	2.5	.044			5.6	.098	3.1	.054	-2.9	-.051	3.9	.068						
1688	5.8	.101	7.4	.129			-9	-.016	-1.0	-.017			.8	.014	1.9	.033	-.6	-.010	-1.0	-.017						
1689	4.4	.077	6.5	.113			-1.8	-.031	-1.4	-.024			5.2	.091	10.7	.187	-.3	-.005	3.0	.052						
1690	3.0	.052	7.0	.122			1.0	.017	.1	.002			6.4	.112	-.6	-.010	-12.3	-.215	15.1	.263						
1691	4.7	.082					.8	.014					.9	.016	2.1	.037	-2.3	-.040	2.3	.040						
1692	7.2	.126	4.8	.084			4.7	.082	-2.8	-.049			3.8	.066	-2.9	-.051	-.1	-.002	1.6	.028						
1693	1.1	.019	5.9	.103			.9	.016	3.7	.065			.3	.005	4.4	.077	-.6	-.010	-1.8	-.031						
1695	5.4	.094	5.4	.094			-2.3	-.040	3.1	.054			-4.3	-.075	-1.1	-.019	-2.6	-.045	2.4	.042						
1696	3.7	.065	5.4	.094			-1.1	-.019	.4	.007			2.6	.045	-3.9	-.068	-4.5	-.079	6.2	.108						
1697	4.2	.073	4.0	.070			.8	.014	1.9	.033			-7	-.012	1.9	.033	-1.1	-.019	-.9	-.016						
1698	5.7	.099	6.5	.113			-1.4	-.024	8.2	.143			1.9	.033	-5.0	-.087	-1.3	-.023	-4.0	-.070						
1699	8.3	.145	6.1	.106			11.4	.199	0.0	.000			-3	-.005	3.8	.066	-3.9	-.068	7.2	.126						
1701	5.2	.091	5.7	.099			7.0	.122	-4.4	-.077			0.0	.000	-7.4	-.129	-2.0	-.035	5.8	.101						
1703	6.0	.105	6.5	.113			-9	-.016	.9	.016			-9	-.016	2.8	.049	-1.9	-.033	4.2	.073						
1704	8.7	.152	8.8	.154			6.0	.105	.8	.014			-7.8	-.136	15.6	.272	-3.6	-.063	5.1	.089						
1705	4.2	.073	6.2	.108			-3	-.005	-1.1	-.019			-3.1	-.054	2.3	.040	-3.6	-.063	3.6	.063						
1706	5.4	.094	5.1	.089			1.0	.017	.5	.009			0.0	.000	-1.7	-.030	-5.1	-.089	7.2	.126						
1707	3.6	.063	8.1	.141			6.9	.120	1.3	.023			-9	-.016	-3.8	-.066	-2.7	-.047	.9	.016						
1709	3.2	.056	4.7	.082			1.5	.026	-2	-.003			2.1	.037	.8	.014	-3.4	-.059	3.3	.058						
1709	3.0	.052	5.3	.092			3.0	.052	-1.3	-.023			-9	-.016	-3	.005	-5.1	-.089	7.4	.129						
1710	5.5	.096	5.5	.096			-1.3	-.023	.8	.014			-3.6	-.063	10.3	.180	-1.9	-.033	3.4	.059						
1711	4.8	.084	5.5	.096			1.8	.031	-.7	-.012			-3.9	-.068	2.5	.044	-.4	-.007	-2.1	-.037						
1758	5.4	.094	5.6	.098			6.5	.113	-2.9	-.051			1.1	.019	1.0	.017	-1.6	-.028	3.9	.068						
1759	3.7	.065	6.1	.106			-4	-.007	-2.2	-.038			2.5	.044	7.3	.127	-2.1	-.037	5.2	.091						
1760	3.2	.056	6.8	.119			-4	-.007	6.2	.108			.3	.005	-2.8	-.049	-4.4	-.077	4.9	.086						
1763	5.4	.094	4.4	.077			-6	-.010	-2.5	-.044			2.2	.038	-1.4	-.024	-4.5	-.079	9.2	.161						
1764	6.1	.106	4.9	.086			-2.0	-.035	2.9	.051			-1	-.002	-3.6	-.063	-4.6	-.080	4.1	.072						
1765	3.2	.056	5.8	.101			10.5	.183	.2	.003			1.0	.017	4.1	.072	-5.4	-.094	9.2	.161						
1767	5.5	.096	5.9	.103			-2.3	-.040	-1.1	-.019			.8	.014	1.4	.024	-2.7	-.047	2.7	.047						
1768	5.8	.101	6.3	.110			4.7	.082	-2.0	-.035			-4.2	-.073	.7	.012	-3.9	-.068	6.0	.105						
1769	4.1	.072	7.8	.136			2.5	.044	-6.6	-.115			0.0	.000	.6	.010	-3.4	-.059	6.3	.110						
1770	5.6	.098					-2.4	-.042					1.4	.024	.4	.007	.4	-.007	-1.4	-.024						
1771	3.4	.059	7.3	.127			-4.0	-.070	1.1	.019			1.5	.026	8.5	.148	-.6	-.010	1.4	.024						
1772	3.2	.056	7.9	.138			1.4	.024	-.1	-.002			4.4	.077	.3	.005	-6.7	-.117	8.3	.145						
1773	7.7	.134	9.1	.159			1.0	.017	-4.4	-.077			-4.3	-.075	2.3	.040	-4.5	-.079	7.3	.127						
1774	4.8	.084	6.6	.115			-2.0	-.035	1.3	.023			3.5	.061	-2.4	-.042	-1.0	-.017	.4	.007						
1775	3.5	.061	5.9	.103			.8	.014	-3.8	-.066			3.3	.058	6.5	.113	-1.7	-.030	5.7	.099						
1776	3.1	.054	6.5	.113			-6	-.010	-5	-.009			-2.5	-.044	-.8	-.014	-1.5	-.026	3.7	.065						
1777	6.6	.115	8.0	.140			1.4	.024	-3.8	-.066			2.9	.051	-14.3	-.250	-1.2	-.021	2.1	.037						

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LNCG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW					
	NO	TD	DEG	RAD	FF	DEG	RAD	TD	DEG	RAD	OR	DEG	RAD	FF	DEG	RAD	DEG	RAD	DEG	RAD	AT TD	DEG	RAD	AT TD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61						
1778	4.3	.075	6.5	.113			.3	.005	-1.2	-.021			4.1	.072	3.4	.059	-5.2	-.091	8.0	.140						
1779	3.4	.059	4.9	.086			-.5	-.009	-1.8	-.031			-.6	-.010	4.0	.070	-1.9	-.033	3.0	.052						
1780	5.0	.087	4.6	.080			-3.5	-.061	.1	.002			-.3	-.005	-.9	-.016	-3.1	-.054	3.7	.065						
1782	5.2	.091	2.8	.049			-1.6	-.028	-.2	-.003			0.0	0.000	-.7	-.012	-3.4	-.059	7.7	.134						
1783	6.2	.100	5.8	.101			-3.9	-.068	-3.9	-.068			-.7	-.012	6.2	.108	-1.6	-.028	3.8	.066						
1784	5.6	.098	4.5	.079			-2.3	-.040	-2.6	-.045			2.5	.044	-7.5	-.131	-3.8	-.066	5.2	.091						
1785	4.3	.075	8.4	.147			2.3	.040	1.2	.021			4.1	.072	-3.6	-.063	-2.9	-.051	6.4	.112						
1786	5.2	.091	5.8	.101			1.3	.023	-1.6	-.028			2.7	.047	7.2	.126	-4.0	-.070	6.9	.120						
1787	4.8	.084	5.2	.091			5.7	.099	.1	.002			1.0	.017	-5.6	-.098	-2.9	-.051	4.8	.084						
1788	6.2	.108	7.4	.129			-.6	-.010	1.8	.031			6.8	.119	1.7	.030	-1.1	-.019	4.9	-.086						
1789	5.6	.098	5.6	.098			-.6	-.010	-3.4	-.059			-1.2	-.021	8.5	.148	-1.0	-.017	2.5	.044						
1790	5.5	.096	6.8	.119			3.5	.061	-.9	-.016			1.7	.030	5.2	.091	-4.2	-.073	5.7	.099						
1793	5.9	.103	7.6	.133			6.6	.115	-1.6	-.028			-.4	.007	-4.1	-.072	-1.3	-.023	-1.4	-.024						
1794	2.9	.051	4.1	.072			-2.4	-.042	6.9	.120			2.1	.037	-4.2	-.073	-3.9	-.068	3.2	.056						
1795	2.2	.038	3.3	.058			1.8	.031	.2	.003			1.9	.033	-5.3	-.092	-2.1	-.037	3.9	.068						
1796	4.0	.070	6.2	.108			3.3	.058	-1.3	-.023			-1.2	-.021	3.4	.059	-1.8	-.031	2.5	.044						
1797	4.8	.084	7.5	.131			1.3	.023	-.7	-.012			4.1	.072	6.2	.108	-.1	-.002	-.4	-.007						
1798	4.4	.077	6.4	.112			.3	.005	-1.2	-.021			-2.3	-.040	-.9	-.016	-4.8	-.084	6.6	.115						
1799	3.8	.066	5.6	.098			-2.0	-.035	-2.5	-.044			-2.4	-.042	6.1	.106	-2.4	-.042	4.0	.070						
1801	4.0	.084	7.6	.133			-1.6	-.028	3.7	.065			4.4	.077	3.2	.056	-.6	-.010	.6	.010						
1802	6.1	.106	3.3	.058			5.3	.092	4.1	.072			-5.0	-.087	12.1	.211	-1.7	-.030	1.6	.028						
1803	2.2	.038	4.4	.077			0.0	0.000	.1	.002			4.3	.075	1.5	.026	-1.3	-.023	2.1	.037						
1804	6.6	.115	5.4	.094			-4.2	-.073	-2.4	-.042			-2.0	-.035	11.1	.194	-1.1	-.019	.4	.007						
1805	4.0	.070	5.1	.089			1.8	.031	3.4	.059			-.1	-.002	3.2	.056	-2.9	-.051	5.9	.103						
1807	4.2	.073	5.4	.094			-5.0	-.087	-2.0	-.035			2.5	.044	-.3	-.005	-1.8	-.031	2.2	.038						
1808	7.2	.126	7.3	.127			.5	.009	-.3	.005			4.5	.079	5.9	.103	-2.0	-.035	4.1	.072						
1809	5.0	.087	3.6	.063			1.0	.017	3.0	.052			1.7	.030	3.6	.063	-2.4	-.042	5.0	.087						
1810	3.4	.059	5.2	.091			-.5	-.009	-1.9	-.033			3.5	.061	1.5	.026	-3.5	-.061	5.0	.087						
1812	5.4	.094	4.7	.082			-1.7	-.030	.6	.010			3.9	.068	1.7	.030	-2.6	-.045	2.8	.049						
1813	5.0	.087	6.7	.117			-2.8	-.049	-1.9	-.033			3.4	.059	-1.1	-.019	-2.2	-.038	4.1	.072						
1814	6.1	.106	7.3	.127			2.3	.040	.4	.007			2.1	.037	-3.4	-.059	-4.5	-.079	6.2	.108						
1815	7.2	.126	6.0	.105			-.3	-.005	-3.5	-.061			2.4	.042	-.8	-.014	-3.1	-.054	7.1	.124						
1817	4.1	.072	5.9	.103			-3.8	-.066	6.9	.120			0.0	0.000	9.3	.162	.3	.005	2.2	.038						
1819	6.2	.108	6.4	.112	6.3	.110	.7	.012	-4.2	-.073	.6	.010	4.3	.075	.7	.012	-4.5	-.079	10.3	.180						
1821	4.4	.077	6.4	.112			-1.4	-.024	-2.2	-.038			0.0	0.000	3.6	.063	-4.2	-.073	5.9	.103						
1822	5.3	.092	8.3	.145			-2.7	-.047	-1.3	-.023			1.8	.031	8.9	.155	-8.4	-.147	10.1	.176						
1823	5.7	.099	8.2	.143			-2.7	-.047	-1.9	-.033			.9	.016	1.4	.024	-2.0	-.035	3.8	.066						
1891	4.7	.082	7.0	.122			1.3	.023	.5	.009			0.0	0.000	3.9	.068	-.0	-.070	6.1	.106						
1893	5.6	.098	6.6	.115			-2.3	-.040	-1.9	-.033			-.7	-.012	1.4	.024	-3.8	-.066	5.8	.101						
1894	5.5	.096	7.9	.138			.2	.003	-1.7	-.030			.9	.016	.2	.003	-3.2	-.056	4.6	.080						

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS												
UNDC	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW						
	TD	DEG	RAD	DEG	RAD	TD	DEG	RAD	DEG	RAD	FF	TD	DEG	RAD	DEG	RAD	TD	DEG	RAD	DEG	RAD	TD	DEG	RAD	DEG	RAD	TD	DEG	RAD	DEG	RAD	
NO	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61												
41																																
1895	5.9	.163	6.7	.117			-2	-.003	2.7	.047				-2	-.003	1.1	.019	-.8	-.014	1.2	.021											
1899	5.0	.087	5.3	.092			1.6	.028	-2.5	-.044				-1.3	-.023	2.9	.051	-3.8	-.066	4.7	.082											
1900	4.0	.070	4.6	.064			-6	-.010	2.8	.049				2.9	.051	.1	.002	-1.9	-.033	1.2	.021											
1901	4.8	.084	6.1	.106			-1.5	-.026	-2.2	-.038				3.5	.061	-4.0	-.070	-6.0	-.105	6.6	.115											
1902	5.5	.096	5.9	.103			2.2	.038	3.1	.054				1.8	.031	-3.5	-.061	-2.7	-.047	2.4	.042											
1903	4.7	.082	6.5	.113			2.3	.040	-1	-.002				2.8	.049	12.1	.211	-4.2	-.073	4.1	.072											
1904	2.6	.045	5.3	.092	4.7	.082	1.8	.031	-3.3	-.058				4.3	.075	-1.6	-.028	-3.9	-.068	6.6	.115											
1905	5.0	.087	5.6	.098			-6	-.010	1.0	.017	0.0	0.000	3.1	.054	1.9	.033	-6.2	-.108	7.4	.129												
1906	2.6	.045	6.8	.119			1.0	.017	-1.1	-.019				-1.5	-.026	-1.8	-.031	-3.7	-.065	7.4	.129											
1907	5.2	.091	6.4	.112			-4	-.007	1.0	.017				.5	.009	-1.9	-.033	-8.5	-.148	7.6	.133											
1909	5.5	.096	3.5	.061			-1.5	-.026	-1.3	-.023				-1.7	-.030	5.5	.096	-1.9	-.033	.7	.012											
1910	2.9	.051	3.9	.068			.6	.010	6.8	.119				3.4	.059	9.8	.171	-.3	-.005	2.5	.044											
1911	4.6	.080					-5	-.009						1.5	.026	-3.2	-.056	-3.2	-.056	5.4	.094											
1912	5.6	.098	4.7	.082			-2.0	-.035	-1.1	-.002				-7	-.012	5.7	.099	-1.5	-.026	-.3	-.005											
1913	2.6	.045	3.8	.066			-1.3	-.023	-1.3	-.023				-3.6	-.063	5.5	.096	-2.8	-.049	8.1	.141											
1915	5.7	.099	5.3	.092			-3	-.005	3.0	.052				-4.9	-.086	16.5	.288	-2.2	-.038	1.1	.019											
1917	2.9	.051	4.1	.072			5.7	.099	3.5	.061				-1.3	-.023	-21.1	-.368	-5.6	-.098	10.3	.180											
1918	5.4	.094	5.1	.069			.4	.007	.9	.016				-1.6	-.028	-3.6	-.063	-5.2	-.091	8.0	.140											
1919	2.4	.042	3.3	.058			-2.0	-.035	-2.9	-.051				-9.1	-.159	5.9	.103	-3.1	-.054	4.8	.084											
1920	1.1	.019	4.0	.070			.3	.005	1.7	.030				.5	.009	6.5	.113	-3.0	-.052	8.8	.154											
1921	7.0	.122	6.3	.110			4.0	.070	1.6	.028				1.5	.026	-5.8	-.101	-3.6	-.066	3.9	.068											
1922	2.7	.047	3.7	.065			-2.9	-.051	-1.5	-.026				4.4	.077	.9	.016	-5.7	-.099	14.3	.250											
1923	3.7	.065	4.0	.070			-1.1	-.019	1.2	.021				-3.7	-.065	2.0	.035	-3.2	-.058	5.0	.087											
1924	6.1	.106	6.5	.113			-4.6	-.080	.8	.014				-1.9	-.033	9.3	.162	-3.4	-.059	8.0	.140											
1925	5.1	.089	3.9	.068			-1.1	-.019	3.3	.058				-2	-.003	3.5	.061	-3.7	-.065	4.5	.079											
1926	3.1	.054	2.4	.042			-1.8	-.031	-5	-.009				.8	.014	-3.1	-.054	-5.7	-.099	13.1	.229											
1927	4.0	.070	3.9	.068			-4.7	-.082	3.0	.052				0.0	0.000	4.7	.082	-1.1	-.019	-.1	-.002											
1928	3.1	.054	6.6	.115			.4	.007	-3.7	-.065				3.9	.068	3.3	.058	-2.2	-.038	4.6	.080											
1934	6.9	.120	4.5	.079	5.7	.099	1.3	.023	0.0	0.000	1.5	.026	-6.4	-.112	3.1	.054	-3.8	-.066	3.6	.063												
1935	4.0	.070	7.0	.122			-3.3	-.058	3.1	.054				.6	.010	-5	-.009	-4.7	-.082	8.7	.152											
1936	4.0	.070	5.1	.069			-6	-.010	2.4	.042				-4	-.007	5.8	.101	-2.5	-.044	5.4	.094											
1937	4.6	.080	6.9	.120			.8	.014	-3.0	-.052				-1.7	-.030	7.4	.129	-3.5	-.061	6.9	.120											
1938	5.4	.094	7.8	.136			-1.9	-.033	.8	.014				2.2	.038	-1.6	-.028	-4.1	-.072	6.6	.115											
1940	3.4	.059	7.4	.129			2.5	.044	0.0	0.000				.7	.012	-.6	-.010	-3.6	-.063	4.3	.075											
1942	3.3	.058	6.3	.110			-3.2	-.056	-2.6	-.045				3.3	.058	-.3	.005	-4.0	-.070	3.7	.065											
1943	7.5	.131	5.2	.091			5.0	.087	-.9	-.016				-5.3	-.092	-.6	-.010	-3.8	-.066	5.4	.094											
1945	4.8	.084	6.6	.115			-1	-.002	-1	-.002				2.6	.045	14.3	.250	-3.4	-.059	5.3	.092											
1946	5.7	.099	6.1	.106			-2.4	-.042	-4	-.007				3.1	.054	-5.0	-.087	-3.4	-.059	2.4	.042											
1947	6.4	.112	5.5	.096			-2.6	-.045	0.0	0.000				-1.7	-.030	4.6	.080	-3.1	-.054	4.2	.073											
1948	4.9	.086	3.6	.063			2.0	.035	-2.4	-.042				-1.4	-.024	5.5	.096	-3.0	-.052	4.4	.077											

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LNDG NO	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW										
	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61											
1949	2.5	.044	4.1	.072			4.1	.072	-2	-.003			.5	.009	.3	.005	-2.4	-.042	4.1	.072											
1950	3.8	.066	6.8	.119			-8	-.014	-5	-.009			-3.0	-.052	-1.7	-.030	-4.3	-.075	5.5	.096											
1951	2.6	.045	5.0	.087			-5.4	-.094	-1.3	-.023			1.3	.023	3.9	.068	-3.9	-.068	4.6	.080											
1953	7.7	.134	6.4	.112	7.1	.124	-1.5	-.026	.5	.009	-.3	-.005	-3.5	-.061	13.3	.232	-2.6	-.045	3.6	.063											
1955	4.0	.070	5.0	.087			-1.5	-.026	.1	.002			-5	-.009	8.3	.145	-3.0	-.052	2.8	.049											
1956	4.1	.072	6.3	.110			-1.7	-.030	-3.2	-.056			2.9	.051	3.3	.058	-2.5	-.044	1.1	.019											
1957	2.0	.035	4.2	.073			3.4	.059	-1.2	-.021			5.6	.098	10.5	.183	-2.9	-.051	7.9	.138											
1958	4.6	.080	5.3	.092			-4	-.007	-1.4	-.024			-1.1	-.019	2.9	.051	-2.4	-.042	3.4	.059											
1959	6.1	.106	4.6	.080			-3.8	-.066	4.0	.070			1.5	.026	9.2	.161	-.4	-.007	.3	.005											
1961	2.7	.047	7.1	.124			4.6	.080	-3.8	-.066			-3.2	-.056	-4.7	-.082	-1.3	-.023	-2.3	-.040											
1964	8.1	.141	7.0	.122			.8	.014	1.1	.019			-1.9	-.033	-6.7	-.117	-2.9	-.051	.2	.003											
1965	7.3	.127	8.5	.148			3.9	.068	2.0	.035			-1.2	-.021	6.6	.115	-3.0	-.052	1.2	.021											
1966	3.5	.061	5.8	.101			.5	.009	-.4	-.007			3.3	.058	7.5	.131	-4.7	-.082	7.5	.131											
1967	5.4	.094	6.5	.113			-2.8	-.049	-.9	-.016			7.1	.124	4.9	.086	-3.8	-.066	6.8	.119											
1969	6.5	.113	5.6	.098			-5.7	-.099	4.6	.080			3.3	.058	3.7	.065	-2.2	-.038	-1.3	-.023											
1970	5.9	.103	5.8	.101	6.1	.106	-1.3	-.023	-1.1	-.019	-1.1	-.019	4.8	.084	1.7	.030	-1.9	-.033	3.5	.061											
1971	3.1	.054	5.9	.103			-6	-.010	-2	-.003			-1.5	-.026	10.0	.175	0	0.000	.1	.002											
1972	5.4	.094	6.0	.105			-8.7	-.152	2.5	.044			1.2	.021	-1.6	-.028	-.5	-.009	-2.9	-.051											
1973	5.5	.096	5.9	.103			5.6	.098	-.7	-.012			.9	.016	4.3	.075	-4.1	-.072	5.7	.099											
1974	4.4	.077	7.2	.126			-7	-.012	.2	.003			3.1	.054	3.8	.066	-1.7	-.030	0	0.000											
1975	4.7	.082	4.4	.077			-4.9	-.086	-8	-.014			2.3	.040	1.9	.033	-2.8	-.049	5.8	.101											
2044	4.6	.090	4.5	.079			-3.6	-.063	-1.8	-.031			2.3	.040	4.4	-.077	-8.7	-.152	7.5	.131											
2046	4.9	.086	8.7	.152			-1.1	-.019	2.3	.040			.2	.003	-2.3	-.040	1.5	.026	-1.3	-.023											
2047	3.1	.054	5.4	.094			-1.3	-.023	-2.8	-.049			3.1	.054	8.1	.141	-1.7	-.030	4.4	.077											
2048	4.0	.070	4.6	.080			-4.9	-.086	2.3	.040			.1	.002	-1.6	.035	.8	.014	-2.5	-.044											
2049	4.6	.090	7.6	.133			.1	.002	-1.6	-.028			5.3	.092	6.6	.115	-2.7	-.047	2.8	.049											
2050	2.7	.047	6.0	.115			1.8	.031	-.4	-.007			1.3	.023	2.5	.044	-5.6	-.098	6.5	.113											
2051	6.4	.112	5.3	.092			4.4	.077	-1.6	-.028			4.2	.073	2.5	.044	-.8	-.014	2.1	.037											
2052	4.0	.070	5.7	.099			1.1	.019	-3.1	-.054			5.3	.092	-11.3	-.197	-4.7	-.082	7.7	.134											
2053	5.2	.091	4.0	.070			7.8	.136	.8	.014			.5	.009	.3	.005	-2.5	-.044	7.0	.122											
2054	3.7	.065	6.0	.105	3.7	.065	-1.4	-.024	.2	.003	-1.4	-.024	-1.5	-.028	4.0	.070	-2.8	-.049	2.9	.051											
2055	3.5	.061	6.6	.115			2.8	.049	.5	.009			5.5	.096	-2.2	-.038	-.7	-.012	.7	.012											
2056	5.3	.092	6.1	.106			-3.4	-.059	3.1	.054			1.0	.017	16.8	.293	2.1	.037	-2.7	-.047											
2057	4.3	.075	3.6	.063			-1.6	-.028	-1.2	-.021			0	0.000	1.4	.024	-3.3	-.058	2.2	.038											
2058	6.3	.110	6.8	.119	5.7	.099	1.8	.031	-4.3	-.075	1.4	.024	-8.5	-.148	-13.2	-.230	-2.9	-.051	6.5	.113											
2059	5.0	.087	6.1	.106			-2.0	-.035	1.1	.019			2.2	.038	7.3	.127	-2.8	-.049	5.0	.087											
2060	3.2	.056	4.8	.084			-3.6	-.063	-2.6	-.045			-4.8	-.084	2.3	.040	-2.3	-.040	.4	.007											
2061	6.1	.106	6.6	.115	5.4	.094	.3	.005	-2.6	-.045	-2	-.003	-1.9	-.033	-1.1	-.019	-4.1	-.072	7.5	.131											
2063	2.8	.049	6.0	.105			.9	.016	-1.4	-.024			2.8	.049	7.1	.124	-.6	-.010	1.1	.019											
2065	3.0	.052	5.9	.103			-.5	-.009	3.8	.066			3.4	.059	4.8	.084	-4.7	-.082	4.7	.082											

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LNDG NO	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
2066	4.2	.073	5.9	.103			.5	.009	1.1	.019			-1.5	-.026	-6.2	-.108	-1.5	-.026	3.3	.058				
2067	7.4	.129	6.1	.106			2.4	.042	-2.4	-.042			6.9	.120	-3.8	-.066	-4.1	-.072	6.6	.115				
2068	6.3	.110	5.1	.089			-5.0	-.087	.8	.014			-5.5	-.096	-2.7	-.047	-3.4	-.059	3.5	.061				
2070	4.7	.082	5.2	.091			3.3	.058	-1.5	-.026			-6.4	-.112	-3.6	-.063	-2.5	-.044	2.3	.040				
2072	5.1	.089	5.5	.096			-1.3	-.023	-1.8	-.031			1.7	.030	.8	.014	-3.4	-.059	3.9	.068				
2073	4.6	.080	4.3	.075			-1.5	-.026	3.0	.052			1.7	.030	-3.3	-.005	-4.1	-.072	5.9	.103				
2074	3.2	.056	8.3	.145			2.4	.042	-1.2	-.021			6.4	.112	-6.6	-.115	-4.3	-.075	5.8	.101				
2076	3.0	.052	8.5	.115			1.5	.026	-1.7	-.030			3.3	.058	-7.3	-.127	-5.9	-.103	6.9	.120				
2077	3.7	.065	5.2	.091			-2.4	-.042	-2.9	-.051			2.1	.037	-7.2	-.126	-4.8	-.084	7.3	.127				
2078	5.0	.087	5.9	.103			.1	.002	-2.5	-.044			-7	-.012	-6	-.010	-3.1	-.054	3.9	.068				
2079	6.1	.106	7.4	.129			4.4	.077	2.1	.037			1.5	.026	-6.5	-.113	-6.0	-.105	8.9	.155				
2080	1.9	.033	3.9	.068			-2.2	-.093	1.7	.030			5.0	.087	4.1	.072	-4.3	-.075	5.1	.089				
2083	2.7	.047	5.5	.096			1.8	.031	-3.4	-.059			5.8	.101	-2.7	-.047	-2.8	-.049	8.3	.110				
2084	2.9	.051	4.5	.079			.5	.009	1.7	.030			-6	-.010	-6.3	-.110	-4.6	-.080	7.0	.122				
2086	4.5	.079	5.9	.103			4.8	.084	-5.0	-.087			-7.8	-.136	11.3	.197	-4.8	-.084	8.6	.150				
2087	5.1	.089	5.5	.096			-2.7	-.047	1.5	.026			2.7	.047	2.9	.051	-8.0	-.140	13.0	.227				
2088	5.0	.087	5.8	.101			-4	-.007	3.1	.054			-1.9	-.033	-2.9	-.051	-5.7	-.099	5.4	.094				
2089	4.6	.080	6.3	.110			6.3	.110	-3.2	-.056			0.0	0.000	-4.4	-.077	-5.9	-.103	10.2	.178				
2091	4.4	.077	3.9	.068			6.9	.120	1.3	.023			2.3	.040	-3.4	-.059	-2.1	-.037	5.0	.087				
2092	3.7	.065	6.6	.115			-1.8	-.031	-4.8	-.084			-3	-.005	-9	-.016	.1	-.002	1.9	.033				
2093	5.5	.096	6.1	.106			4.0	.070	-2.0	-.035			-4	-.007	14.9	.260	-2.3	-.040	1.3	.023				
2094	5.7	.090	4.7	.082	5.4	.094	-3	-.005	.2	.003	-1	-.002	-1.8	-.031	2.6	.045	-3.0	-.052	4.7	.082				
2095	2.8	.049	6.5	.113			3.6	.063	3.2	.056			3.4	.059	2.9	.051	-3.1	-.054	8.5	.148				
2096	5.4	.094	6.6	.115			-1.5	-.026	2.0	.035			-3.3	-.058	-4.5	-.079	-3.1	-.054	1.6	.028				
2097	3.4	.059	5.4	.094			-2.7	-.047	-3.2	-.056			1.0	.017	2.4	.042	-6	-.010	2.2	.038				
2098	5.6	.098	5.8	.101			.5	.009	-2	-.003			-4.7	-.082	-9.5	-.166	-2.0	-.035	3.3	.058				
2099	5.8	.101	6.5	.113			-1.6	-.028	4.6	.080			.4	.007	11.0	.192	-1.4	-.024	2.6	.045				
2100	7.5	.131	8.2	.143			-2.6	-.045	2.4	.042			1.9	.033	13.4	.234	-7.4	-.129	9.1	.159				
2102	4.2	.073	5.9	.103			-3.7	-.065	3.1	.054			-5.8	-.101	1.5	.026	-4.5	-.079	5.3	.092				
2103	6.6	.115	6.6	.115			2.3	.040	.3	.005			2.2	.038	-15.8	-.276	-5.1	-.089	6.8	.119				
2105	3.6	.063	4.8	.070			3.8	.066	-1	-.002			-2.1	-.037	-9.5	-.166	-3.2	-.056	9.3	.162				
2106	2.3	.040	5.9	.103			-7	-.012	-4.7	-.082			1.0	.017	-5.7	-.099	-4.3	-.075	3.5	.061				
2107	3.5	.061	6.0	.105			1.9	.033	-1.3	-.023			-4	-.007	3.2	.056	-2.9	-.051	1.8	.031				
2108	3.8	.066	8.4	.147			-9	-.016	-8	-.014			-3	-.005	-3.1	-.054	-3.1	-.054	2.2	.038				
2109	5.2	.091	3.9	.068			-5.3	-.092	3.7	.065			-3.1	-.054	.9	.016	-2.0	-.035	1.3	.023				
2170	3.6	.063	4.9	.086			-1.7	-.030	6.3	.110			1.1	.019	6.3	.110	-2	-.003	1.0	.017				
2171	3.6	.063	6.7	.117			8.1	.141	1.8	.031			6.4	.112	5.3	.092	-1.9	-.033	2.1	.037				
2173	4.9	.086	5.5	.096			2.9	.051	-1	-.002			-2	-.003	-3.9	-.068	-3.4	-.059	1.9	.033				
2174	7.9	.136	5.5	.096			8.2	.143	4.5	.079			.1	.002	11.0	.192	-3.2	-.056	6.1	.106				
2175	5.8	.101	6.3	.110			-1	-.002	-2.8	-.049			5.2	.091	-2.0	-.035	-3.3	-.058	1.1	.019				

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

UNDC NO	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	FF	TD	DEG	RAD	DEG	FF	TD	DEG	RAD	DEG	AT TD	TD	DEG	RAD	DEG	AT TD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
2177	5.4	.004	7.4	.129			-1.1	-.019	1.0	.017			14.9	.260	8.6	.150	-2.0	-.035	3.4	.059				
2201	2.7	.047	6.1	.106			0.0	0.000	-2.0	-.035			5.6	.098	2.1	.037	-4.6	-.080	10.4	.181				
2204	2.5	.044	4.9	.086			3.1	.054	.3	.005			-1.1	-.019	8.6	.150	-2.0	-.035	2.8	.049				
2205	4.5	.079	5.5	.096			3.6	.063	1.7	.030			-1.7	-.030	11.3	.197	-4.7	-.082	7.8	.136				
2206	4.3	.075	5.1	.089			1.6	.028	-4.3	-.075			.6	.010	-7.1	-.124	-6.0	-.105	10.3	.180				
2207	4.5	.079	5.7	.099			-4.2	-.073	-2.5	-.044			4.0	.070	5.6	.098	-2.3	-.040	3.5	.061				
2208	1.4	.024	6.7	.117			2.1	.037	-2.6	-.045			6.8	.119	-.4	-.007	-4.4	-.077	7.3	.127				
2210	4.1	.072	6.2	.100			-3.1	-.054	-.1	-.002			5.0	.087	-5.1	-.089	-3.2	-.056	1.5	.026				
2211	3.4	.059	9.2	.161			3.8	.066	-2.7	-.047			3.5	.061	7.5	.131	-3.4	-.059	9.3	.162				
2213	2.6	.045	5.8	.101			-2.2	-.003	2.4	.042			4.0	.070	5.6	.098	-1.8	-.031	.3	.005				
2214	4.8	.080	8.2	.143			0.0	0.000	-.3	-.005			2.6	.045	-.8	-.014	-4.6	-.080	5.7	.099				
2215	3.1	.054	4.8	.084			-3.0	-.052	-1.0	-.017			2.0	.035	5.2	.091	-5.7	-.099	7.2	.126				
2216	.2	.003	3.5	.061			5.4	.094	-1.0	-.017			-2.8	-.049	2.6	.045	-4.0	-.070	5.1	.089				
2218	7.9	.138	6.5	.113			-2.3	-.040	.7	.012			0.0	0.000	-7.1	-.124	-3.1	-.054	.1	.002				
2219	4.2	.073	4.9	.086			.9	.016	-2.3	-.040			6.0	.105	-5.8	-.101	-4.3	-.075	5.4	.094				
2220	3.2	.056	4.3	.075			-3.4	-.059	2.5	.044			2.7	.047	8.1	.141	-3.0	-.052	2.4	.042				
2221	5.5	.096	5.7	.099			-1.6	-.028	-2.2	-.038			5.2	.091	8.9	.155	-2.3	-.040	4.0	.070				
2222	4.3	.075	6.0	.105			-3.2	-.056	-3.1	-.054			.7	.012	-5.3	-.092	-4.3	-.075	6.9	.120				
2223	3.7	.065	4.7	.082			-2.6	-.045	-3.9	-.068			1.7	.030	-4.2	-.073	-5.7	-.099	9.7	.169				
2224	4.4	.077	6.9	.120			-1.0	-.017	-1.9	-.033			.6	.010	18.5	.288	-2.6	-.045	4.7	.082				
2227	3.6	.063	5.9	.103			0.0	0.000	-2.1	-.037			3.4	.059	-9.5	-.166	-1.5	-.026	.8	.014				
2228	6.5	.113	7.0	.122			-1.1	-.002	-2.5	-.044			-4.0	-.070	21.4	.373	-2.0	-.035	2.5	.044				
2229	6.8	.119	5.5	.096			2.9	.051	-2.0	-.035			0.0	0.000	8.4	.147	-3.4	-.059	4.5	.079				
2230	3.9	.068	6.4	.112			5.5	.096	-5.6	-.098			3.6	.063	1.2	.021	-3.7	-.065	7.4	.129				
2231	4.8	.084	6.2	.100			-2.4	-.042	-4.0	-.070			-2.2	-.038	1.3	.023	-2.6	-.045	4.9	.086				
2232	4.5	.079	7.0	.122			4.2	.073	.9	.016			-9	-.016	-.9	-.016	-4.4	-.077	8.4	.147				
2233	3.0	.052	4.1	.072			-3.7	-.065	1.3	.023			2.5	.044	13.1	.229	-2.3	-.040	2.4	.042				
2234	3.8	.066	5.5	.096			-1.4	-.024	-1.4	-.024			2.4	.042	3.0	.052	-2.4	-.042	2.3	.040				
2235	4.2	.073	5.4	.094			-9	-.016	-4.3	-.075			-6	-.010	6.5	.113	-4.0	-.070	5.5	.098				
2236	3.6	.063	4.6	.090			-1.6	-.028	-2.2	-.038			5.5	.096	-2.1	-.037	-.7	-.012	-3.4	-.059				
2239	3.2	.056	6.7	.117			-1.2	-.021	5.5	.096			4.3	.075	7.9	.138	0.0	0.000	-4.8	-.084				
2240	4.3	.075	4.5	.079			-6	-.014	1.3	.023			.9	.016	-2.7	-.047	-.8	-.014	-2.5	-.044				
2241	3.2	.056	5.6	.098			0.0	0.000	4.9	.086			.2	.003	2.7	.047	-4.0	-.070	7.2	.126				
2242	3.9	.068	7.0	.122			-3.4	-.059	0.0	0.000			4.6	.080	-3.7	-.065	.6	.010	6.4	.112				
2243	2.8	.049	5.0	.087			-2.3	-.040	4.6	.080			.9	.016	-1.8	-.031	-2.6	-.045	6.2	.108				
2244	3.5	.061	6.8	.119			5.9	.103	-5.7	-.099			.6	.010	2.8	.049	-4.7	-.082	11.8	.206				
2245	6.5	.113	7.7	.134			-3.6	-.063	-4.4	-.077			7.5	.131	-2.6	-.045	-3.7	-.065	1.3	.023				
2247	5.3	.082	6.6	.115			-3.7	-.065	.7	.012			1.2	.021	24.8	.433	1.0	.017	-.8	-.014				
2248	6.4	.112	4.5	.079			4.7	.082	-5.7	-.099			1.5	.028	-15.0	-.262	-2.3	-.040	3.8	.066				
2249	6.5	.113	8.1	.141			-1.8	-.031	.8	.014			1.4	.024	4.3	.075	-2.0	-.035	2.9	.051				



LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS												
LNDG	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW						
	TD	OR	FF	DEG	RAD	TD	OR	FF	DEG	RAD	TD	OR	FF	DEG	RAD	AT	TD	DEG	RAD	AT	TD	AT	TD	DEG	RAD	AT	TD	DEG	RAD	AT	TD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61												
2251	2.8	.049	2.9	.051			.2	.003	.7	.012			2.6	.045	3.1	.054	-2.5	-.044	5.6	.098												
2252	2.9	.051	5.8	.101			-1.4	-.024	2.1	.037			-1.2	-.021	.5	.009	-2.5	-.044	3.4	.059												
2253	3.0	.052	4.8	.064			1.7	.030	-2.3	-.040			6.3	.110	-6.6	-.115	-3.6	-.063	4.8	.084												
2254	2.2	.038	5.8	.101			-1.1	-.019	-7.4	-.129			1.7	.030	-1.2	-.021	-6.2	-.108	11.2	.195												
2255	3.7	.065	5.4	.094			-1.3	-.023	-1.6	-.028			-6	-.010	-1.0	-.017	-1.5	-.026	2.0	.035												
2256	5.9	.103	6.8	.115			-3.3	-.058	-4	-.007			1.7	.030	12.2	.213	-3.2	-.056	3.1	.054												
2257	3.8	.066	6.7	.117			-2.2	-.003	.6	.010			2.3	.040	4.8	.084	-2.5	-.044	4.8	.084												
2259	4.1	.072					-2.0	-.035					1.8	.031	10.6	.185	-4.4	-.077	3.5	.061												
2260	8.0	.140	7.9	.138			-2.4	-.042	2.7	.047			3.6	.063	5.2	.091	-1.4	-.024	1.2	.021												
2261	4.9	.086	6.9	.120			-3.8	-.066	-4	-.007			-1	-.002	13.1	.229	-2.3	-.040	1.9	.033												
2262	4.3	.075	4.6	.080			-3.5	-.061	-1.1	-.019			7.2	.126	11.7	.204	-4	-.007	.8	.014												
2263	5.5	.096	6.0	.105			4.7	.082	1.2	.021			2.1	.037	-2.8	-.049	-3.4	-.059	3.9	.068												
2264	5.9	.103	5.6	.098			.6	.010	-3.2	-.056			2.3	.040	-5.5	-.096	-3.0	-.052	4.4	.077												
2265	3.9	.068	5.9	.103			1.0	.017	-5.3	-.092			-1.7	-.030	5.5	.096	-4.2	-.073	7.8	.136												
2266	4.4	.077	7.4	.129			-1.7	-.030	-4.3	-.075			2.1	.037	4.7	.082	-3.7	-.065	4.7	.082												
2267	5.2	.091	5.4	.094			-4.0	-.070	2.4	.042			2.6	.045	5.7	.099	-1.1	-.019	2.8	.049												
2269	4.7	.082	5.4	.094			-1.4	-.024	-2.2	-.038			1.6	.028	-3.6	-.063	-3.4	-.059	3.8	.066												
2270	4.4	.077	5.1	.089			-1.1	-.019	-1.4	-.024			.5	.009	-2.1	-.037	-4.1	-.072	6.8	.119												
2271	6.3	.110	5.8	.101			-2.1	-.037	-1.7	-.030			-7	-.012	.5	.009	-3.6	-.063	4.5	.079												
2273	7.7	.134	6.2	.108	6.2	.108	-1.1	-.019	-1.9	-.033	-2.0	-.035	-8.4	-.147	-5.9	-.103	-4.5	-.079	4.2	.073												
2275	4.5	.079	3.2	.056			-4	-.007	-4.9	-.086			-3.5	-.061	2.5	.044	-2	-.003	.6	.010												
2276	3.8	.066	4.7	.082			-1.0	-.017	.5	.009			.4	.007	-2.3	-.040	-2.6	-.045	4.7	.082												
2277	4.3	.075	5.8	.098			-3.1	-.054	-2.2	-.038			4.3	.075	7.2	.126	-2.5	-.044	4.4	.077												
2278	5.0	.087	4.4	.077			-4	-.007	-1.5	-.026			1.7	.030	2.4	.042	-3.3	-.058	4.2	.073												
2280	3.2	.056	5.7	.099			.1	.002	4.3	.075			-5	-.009	-2	-.003	-3.3	-.058	4.2	.073												
2282	4.3	.075	8.2	.143			.7	.012	2.6	.045			3.3	.058	2.8	.049	-2.4	-.042	4.7	.082												
2283	7.3	.127	4.5	.079			4.2	.073	1.0	.017			3.7	.065	-4.5	-.079	2.1	.037	-2.0	-.035												
2284	4.6	.080	7.1	.124			3.1	.054	-1	-.002			1.7	.030	-1	-.002	-3.4	-.059	4.7	.082												
2285	4.0	.070	5.4	.094			-1.3	-.023	-7	-.012			.4	.007	.6	.010	-7.6	-.133	10.5	.183												
2286	5.2	.091	5.7	.099			5.3	.092	-1.9	-.033			2.9	.051	-9	-.016	-2.4	-.042	5.9	.103												
2287	4.5	.079	6.3	.110			-3.9	-.068	-2.9	-.051			1.5	.026	7.6	.133	-2.7	-.047	7.2	.126												
2288	2.1	.037	3.5	.061			2.4	.042	1.1	.019			2.6	.045	.6	.010	-1.2	-.021	1.2	.021												
2289	3.5	.061	4.9	.086			.1	.002	.2	.003			.7	.012	.6	.010	-4.5	-.079	6.2	.108												
2290	4.6	.080	3.9	.068			-3.1	-.054	-5.8	-.101			-1.3	-.023	-2.2	-.036	-3.4	-.059	3.3	.058												
2291	5.7	.099	7.4	.129			.7	.012	-3.3	-.058			.3	.005	-1.4	-.024	-3.5	-.061	6.2	.108												
2292	3.1	.054	3.8	.066			-5	-.061	1.0	.017			4.3	.075	-1.2	-.021	-3.9	-.068	4.6	.080												
2293	5.2	.091	5.2	.091			5.6	.098	2.1	.037			-1.1	-.019	11.4	.199	-2.9	-.051	5.7	.099												
2294	3.9	.068	5.6	.098			-3.7	-.065	.6	.010			2.1	.037	1.0	.017	-3.5	-.061	3.6	.063												
2295	3.5	.061	5.2	.091			-3	-.095	2.0	.035			2.1	.037	3.7	.065	-3.0	-.052	2.0	.035												
2296	5.5	.096	4.0	.070			-3.5	-.061	3.4	.059			1.1	.019	-2.0	-.035	-3.4	-.059	1.5	.026												

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS												
LNOG	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW						
	TD	OR	FF	DEG	RAD	TD	OR	FF	DEG	RAD	TD	OR	FF	DEG	RAD	AT	TD	DEG	RAD	AT	TD	DEG	RAD	AT	TD	DEG	RAD	AT	TD	DEG	RAD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61												
2297	4.8	.064	6.0	.105			4.0	.070	-.3	-.005		4.7	.082	3.1	.054	-6.9	-.120	8.4	.147													
2298	3.6	.063	5.6	.098			2.4	.042	-1.3	-.023		0.0	0.000	6.2	.108	-5.8	-.101	10.1	.176													
2299	4.5	.079	5.0	.067			-1.1	-.002	3.4	.059		-2.9	-.051	4.9	.086	-.6	-.010	-2	-.003													
2300	4.6	.060	5.8	.101			1.7	.030	.9	.016		-1.5	-.026	-3	-.005	-3.4	-.059	7.3	.127													
2301	4.8	.064	4.6	.060			1.8	.031	-.3	-.005		-2.8	-.049	4.9	.086	-3.4	-.059	5.1	.089													
2302	6.6	.115	6.1	.106			-1.1	-.002	.4	.007		1.2	.021	-4.9	-.086	-3.1	-.054	2.4	.042													
2303	4.8	.064	6.3	.110			2.1	.037	-1.5	-.026		4.8	.084	-2.1	-.037	-11.4	-.199	14.3	.250													
2304	3.4	.059	4.9	.086			2.2	.038	-1.3	-.023		3.5	.061	-4.6	-.080	-.4	-.007	2.5	.044													
2305	3.1	.054	7.5	.131			-1.9	-.033	2.1	.037		12.8	.223	-6.5	-.113	-4.2	-.073	6.9	.120													
2306	7.1	.124	8.2	.143			3.4	.059	-7.6	-.133		-6.7	-.117	-5.8	-.101	-2.7	-.047	1.5	.026													
2307	3.1	.054	3.1	.054			3.6	.063	-2.3	-.040		5.5	.096	-7.4	-.129	-3.0	-.052	2.4	.042													
2308	7.1	.124	4.9	.086			1.4	.024	-3.7	-.065		5.5	.096	4.6	.080	4.0	.070	-5	-.009													
2309	7.6	.133	6.5	.113			5.3	.092	1.8	.031		-3.5	-.061	-3.5	-.061	-4.2	-.073	4.7	.082													
2310	3.6	.063	4.5	.079			-2.4	-.042	6.1	.106		.6	.010	11.4	.199	5.0	.087	-6.5	-.113													
2312	5.4	.094	6.8	.119			-2.7	-.047	-1	-.002		3.4	.059	.8	.014	-1.5	-.028	.7	.012													
2313	7.3	.127	4.4	.077			4.7	.082	.5	.009		-1.0	-.017	13.8	.241	-1.4	-.024	4.0	.070													
2316	8.8	.154	8.9	.155			5.9	.103	-.6	-.010		-10.4	-.181	-11.0	-.192	-2.8	-.049	2.1	.037													
2317	9.9	.173	5.4	.094			4.7	.082	-1	-.002		-5.7	-.099	15.1	.263	.3	.005	-1.3	-.023													
2319	4.3	.075	5.3	.092			.2	.003	0.0	0.000		7.7	.134	16.7	.291	-2.7	-.047	.2	.003													
2320	5.4	.094	7.0	.122			7.7	.134	-2.7	-.047		5.5	.096	-5.0	-.087	-3.6	-.063	1.0	.017													
2322	7.5	.131	8.0	.140			-2	-.003	.1	.002		3.3	.058	-4.6	-.080	-2.1	-.037	-5	-.009													
2324	7.5	.131	8.6	.150			-3.7	-.065	2.5	.044		-4	-.007	14.9	.260	-6.5	-.113	5.3	.092													
2326	7.1	.124	7.1	.124			3.3	.058	-2.3	-.040		4.3	.075	-3.3	-.058	-2.9	-.051	2.6	.045													
2327	6.5	.113	5.5	.096			-1.4	-.024	4.7	.082		11.7	.204	7.9	.138	.2	.003	-3.4	-.059													
2328	7.6	.133	9.2	.161			1.7	.030	-8.6	-.150		9.9	.173	-5.4	-.094	-2.1	-.037	3.9	.068													
2330	5.6	.098	8.0	.140			-1.8	-.031	-3.5	-.061		2.2	.038	-2.2	-.038	-6.6	-.115	6.3	.110													
2331	6.8	.119	7.5	.131			-1.0	-.017	1.4	.024		-4.9	-.086	6.7	.117	-2.5	-.044	3.1	.054													
2333	5.0	.087	6.6	.115			-1.5	-.026	-2.3	-.040		-4.2	-.073	-1.6	-.028	-3.2	-.056	1.7	.030													
2334	6.5	.113	5.1	.089			.7	.012	.8	.014		1.5	.026	6.9	.120	-3.2	-.056	4.8	.084													
2335	3.7	.065	3.5	.061			-3.1	-.054	2.9	.051		1.0	.017	-1.3	-.023	-2.7	-.047	2.8	.049													
2336	3.2	.056	4.6	.080			-2.4	-.042	.5	.009		4.8	.084	2.7	.047	-2.9	-.051	6.5	.113													
2338	.6	.010	2.9	.051			2.1	.037	1.2	.021		1.5	.026	-3.9	-.068	-1.4	-.024	2.5	.044													
2339	3.0	.052	6.7	.117			-5	-.009	-2.3	-.040		-1.9	-.033	-1.8	-.031	-2.1	-.037	5.2	.091													
2340	5.3	.092	5.9	.103			3.5	.061	-1.5	-.026		-4	-.007	-4.5	-.079	-4.7	-.082	5.3	.092													
2341	6.4	.112					-1.5	-.026				-6.1	-.106	-.9	-.016	-3.0	-.052	.9	.016													
2342	3.7	.065	6.0	.105			.9	.016	3.0	.052		0.0	0.000	-3.8	-.066	-1.9	-.033	1.8	.031													
2346	3.4	.059	5.8	.101			2.9	.051	2.4	.042		-1.3	-.023	1.3	.023	-3.6	-.063	4.0	.070													
2347	8.2	.143	6.4	.112	7.1	.124	-1.3	-.023	-2.6	-.045	-1.1	-.019	-7.3	-.127	2.5	.044	-2.7	-.047	4.4	.077												
2348	3.1	.054	6.1	.106			1.8	.031	1.8	.031		2.2	.038	-5.3	-.092	-3.2	-.056	5.2	.091													
2349	4.5	.079	5.5	.096			.8	.014	.1	.002		1.8	.031	3.5	.061	-3.9	-.068	5.4	.094													

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNCG	NO	PITCH ANGLE				FF	ROLL ANGLE				FF	PITCH RATE				AT	ROLL RATE				AT	F. P. A.				AT	TD		
		TD	DEG	RAD	OR		TD	DEG	RAD	OR		TD	DEG	RAD	OR		TD	DEG	RAD	OR		TD	DEG	RAD	OR			TD	DEG
	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61								
2350	7.6	.133	7.8	.136				-5.6	-.101	-3.8	-.066			-2	-.003	6.2	.108	-2.2	-.038	1.0	.017								
2351	7.8	.136	7.0	.122				1.1	.019	.1	.002			1.7	.030	-2.3	-.040	-2.7	-.047	2.5	.044								
2352	5.8	.101	5.9	.103				3.0	.052	.8	.014			-4	-.007	.1	.002	-2.6	-.045	2.2	.038								
2354	4.1	.072	6.2	.108				2.0	.049	.7	.012			4.3	.075	-1.3	-.023	-3.9	-.068	7.2	.126								
2355	7.8	.136	12.6	.220				-5.0	-.087	-2.2	-.038			0.0	0.000	6.4	.112	-6	-.010	.9	.016								
2356	3.6	.063	4.2	.073				.9	.016	3.2	.056			-7	-.012	.9	.016	-1.0	-.017	-1.9	-.033								
2357	4.1	.072	4.7	.082				.1	.002	-1.0	-.017			.6	.010	-3.5	-.061	-3.5	-.061	6.4	.112								
2358	2.6	.045	5.2	.091				-2.2	-.038	-1.6	-.028			.6	.010	10.0	.175	-1.8	-.031	1.4	.024								
2359	4.0	.070	5.9	.103				1.5	.026	-2.4	-.042			.7	.012	-6.2	-.108	-3.5	-.061	2.0	.035								
2360	3.3	.050	6.5	.113				.9	.016	-7.2	-.126			3.3	.058	-7.5	-.131	-3.2	-.056	.2	.003								
2361	5.6	.098	4.9	.086				-1.6	-.028	.5	.009			1.5	.026	-1.8	-.031	-1.9	-.033	2.5	.044								
2362	4.0	.070						-1.2	-.021					-6.3	-.110	14.9	.260	-1.2	-.021	2.0	.035								
2363	3.8	.066	5.8	.101				-4.9	-.086	4.1	.072			6.0	.105	8.8	.154	2.4	.042	-2.6	-.045								
2364	4.8	.084						-3.0	-.052					1.6	.028	5.3	.092	-7	-.012	1.5	.026								
2365	5.9	.103	6.7	.117				-7	-.012	-1.7	-.030			-4.1	-.072	6.4	.112	-1.5	-.026	.9	.016								
2366	4.1	.072	5.9	.103				.1	.002	3.4	.059			1.4	.024	2.7	.047	-1.1	-.019	1.0	.017								
2367	4.1	.072	5.8	.101				0.0	0.000	0.0	0.000			1.8	.031	4.7	.082	-1.7	-.030	2.4	.042								
2368	2.4	.042	6.0	.105				1.2	.021	-1.1	-.019			4.0	.070	-3.6	-.063	-3.1	-.054	4.4	.077								
2369	4.5	.079	5.4	.094				.8	.014	-6	-.014			5.7	.099	-8.1	-.141	-3.0	-.052	2.5	.044								
2370	6.8	.119	5.3	.092				-5.8	-.101	1.2	.021			-4	-.007	1.4	.024	-2.3	-.040	3.5	.061								
2412	6.3	.110	7.3	.127				-9	-.016	2.9	.051			-1.7	-.030	9.9	.173	-1	-.002	.1	.002								
2413	4.5	.079	6.0	.105				1.6	.028	-9	-.016			3.2	.058	-6.4	-.112	-3.5	-.061	1.2	.021								
2415	4.0	.070	6.4	.112				3.2	.056	-1.4	-.024			3.7	.065	1.1	.019	-2.7	-.047	1.0	.017								
2417	4.8	.084	8.9	.155				3.9	.068	-1.4	-.024			4.3	.075	2.7	.047	-4.6	-.080	5.0	.087								
2419	4.1	.072	6.8	.119				-1.9	-.033	-1.2	-.021			.1	.002	-14.5	-.253	-3.9	-.068	5.1	.089								
2420	6.6	.115	9.3	.162				-3.5	-.061	1.5	.026			1.3	.023	-1.3	-.023	-1.3	-.023	-1.1	-.019								
2421	3.6	.063	4.6	.080				-5	-.009	.6	.010			-8	-.014	6.4	.112	-3.8	-.066	3.1	.054								
2422	7.7	.134	7.9	.138				3.0	.052	-6	-.010			.1	.002	3.2	.056	.4	.007	1.0	.017								
2425	2.0	.035	5.7	.099				.2	.003	-3.4	-.059			6.0	.105	2.9	.051	-4.1	-.072	5.0	.087								
2428	4.5	.079	8.9	.155				6.2	.108	-3.0	-.052			16.0	.279	17.2	.300	-6.8	-.119	5.9	.103								
2429	3.4	.059	7.1	.124				1.3	.023	5.0	.087			5.7	.099	5.0	.087	-1.5	-.026	-1.5	-.026								
2431	6.1	.106	5.4	.094				-1.7	-.030	-4	-.007			-1	-.002	.1	.002	1.6	.028	-3	-.005								
2432	4.7	.082	6.2	.108				-2.2	-.038	-3	-.005			-3.8	-.066	11.2	.195	-2	-.003	1.7	.030								
2433	6.0	.105	6.7	.117				-2.7	-.047	-3	-.005			-4.1	-.072	.7	.012	-2.2	-.038	4.8	.084								
2435	7.4	.129	5.1	.089				1.8	.031	-3	-.005			1.5	.026	2.1	.037	-3.4	-.059	3.4	.059								
2439	4.7	.082	6.3	.110				3.0	.052	1.8	.031			6.5	.113	4.3	.075	-1.7	-.030	1.4	.024								
2440	7.9	.138	6.1	.106				5.0	.087	3.6	.063			1.5	.026	6.7	.117	-3.5	-.061	3.6	.063								
2441	5.7	.099	6.6	.115				.3	.005	-6	-.010			2.5	.044	15.3	.267	-1.0	-.017	.8	.014								
2444	5.3	.092	7.2	.126				.1	.002	.3	.005			.9	.016	-15.8	-.276	-3.4	-.059	5.3	.092								
2447	6.8	.119	6.9	.120				3.3	.058	-3.0	-.052			1.1	.019	-14.8	-.258	-4.5	-.079	6.7	.117								

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LNDG NO	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	TD		OR		TD		OR		AT TD		AT TD		AT TD		AT TD		AT TD		AT TD		AT TD		AT TD	
	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
2448	6.2	.106	6.4	.112			2.4	.042	-2	-.003			13.3	.232	16.7	.291	-3.2	-.056	4.1	.072				
2450	6.3	.113	6.6	.115			-7	-.012	1.4	.024			6.5	.113	-0.0	-.140	-4.2	-.073	10.3	.180				
2451	6.4	.112	5.0	.087	5.5	.096	-1.6	-.028	.6	.010	-1.2	-.021	-3.5	-.061	2.3	.040	-1.4	-.024	.6	.010				
2452	5.2	.091	7.7	.134	4.7	.082	.8	.014	3.1	.054	1.0	.017	-7	-.012	11.6	.202	2.8	.049	-6.9	-.120				
2454	6.2	.108	4.9	.086			1.1	.019	1.2	.021			7.2	.126	-2.4	-.042	-2.4	-.042	3.1	.054				
2455	6.7	.117	9.0	.157			3.1	.054	-6	-.010			-6.8	-.119	9.8	.171	-2.2	-.038	3.3	.058				
2456	8.0	.140	8.9	.155			1.2	.021	-2.2	-.038			5.9	.103	-15.0	-.262	-4.7	-.082	4.0	.070				
2457	6.4	.112	5.0	.101			-1.1	-.019	4.2	.073			-7	-.012	2.9	.051	-2.0	-.035	-1.0	-.017				
2458	3.2	.056	4.7	.082			3.1	.054	-8.2	-.143			.5	.009	-2.2	-.038	-4.1	-.072	2.7	.047				
2459	6.5	.113	6.9	.120			7.1	.124	-3.6	-.063			3.2	.056	-3.1	-.054	-3	-.005	2.2	.038				
2460	4.5	.079	6.6	.115			2.0	.035	-6.1	-.106			4.5	.079	-4.5	-.079	-2.4	-.042	5.1	.089				
2461	2.9	.051	6.1	.106			3.1	.054	5.0	.087			.9	.016	4.4	.077	-3.7	-.065	3.7	.065				
2462	6.1	.106	5.3	.092			5.5	.096	6.6	.115			3.8	.066	1.0	.017	-2.5	-.044	3.0	.052				
2463	4.5	.079	6.6	.105			-3.1	-.054	-1.4	-.024			0.0	.000	8.5	.148	-3.8	-.066	4.9	.086				
2465	5.0	.087	6.6	.115			-5.1	-.089	6.6	.115			3.2	.056	-1.0	-.017	-2.1	-.037	4.0	.070				
2466	2.9	.051	5.0	.087			3.7	.065	6.4	.112			.1	.002	5.6	.098	-2.3	-.040	3.7	.065				
2467	7.8	.136	5.0	.087			-2.2	-.038	-2.4	-.031			1.6	.028	8.0	.140	-1.1	-.019	3.3	.058				
2468	4.2	.073	8.0	.140			-1.5	-.026	2.8	.042			2.6	.045	9.1	.159	-1.9	-.033	3.5	.061				
2469	5.7	.099	4.5	.079			4.8	.084	-11.5	-.201			2.0	.035	2.2	.038	-5.4	-.094	4.7	.082				
2470	2.7	.047	7.1	.124			-2	-.003	5.6	.098			6.1	.106	-1.0	-.017	-1.7	-.030	.9	.016				
2472	6.7	.117	7.3	.127			1.0	.017	.6	.010			2.5	.044	-5.0	-.087	-4.2	-.073	3.4	.059				
2473	7.1	.124	4.9	.086			1.6	.028	7.1	.124			1.1	.019	7.5	.131	-1.5	-.026	-2.7	-.047				
2475	4.5	.079	6.3	.110			4.4	.077	-2	-.003			6.0	.105	-6.6	-.115	-1.6	-.028	.8	.014				
2476	4.9	.086	7.2	.126			-2.2	-.038	2.5	.044			10.5	.183	9.7	.169	7.5	.131	-8.2	-.143				
2477	3.4	.059	6.5	.113			-2.7	-.047	5.8	.101			.8	.014	6.0	.105	-4	-.007	-3.4	-.059				
2478	3.8	.066	6.3	.110			1.9	.033	1.9	.033			1.8	.031	2.5	.044	-2.2	-.038	1.3	.023				
2479	4.1	.072	7.8	.136			-3.1	-.054	-3.2	-.056			0.0	.000	2.3	.040	3.0	.052	-4.5	-.079				
2480	6.1	.106	6.2	.108			4.0	.078	-6.1	-.106			-1.2	-.021	8.0	.140	-2.4	-.042	2.0	.035				
2482	5.0	.087	6.7	.117			-5	-.009	-1.2	-.021			4.9	.086	12.2	.213	-2.8	-.049	7.5	.131				
2483	8.9	.155	8.1	.141	9.2	.161	-2.6	-.045	.7	.012	-3.0	-.052	-2	-.003	3.6	.063	-10.8	-.188	7.9	.138				
2484	5.5	.096	4.6	.080			-8	-.014	-2.8	-.049			.5	.009	13.5	.236	-1.4	-.024	3.1	.054				
2485	4.3	.075	6.1	.106			-1	-.002	1.6	.028			2.8	.049	5.9	.103	-2.6	-.045	3.7	.065				
2486	3.6	.063	4.1	.072			-1.4	-.024	.8	.014			-4	-.007	16.1	.281	1.8	.031	-2.3	-.040				
2487	4.2	.073	5.5	.096			-2.0	-.049	-2.6	-.045			.6	.010	1.9	.033	-3.3	-.058	4.6	.080				
2491	4.3	.075	7.4	.129			-2.3	-.046	-4	-.007			-1.5	-.026	4.6	.080	-1.7	-.030	.8	.014				
2492	3.8	.066	5.3	.092			-3	-.005	-1.4	-.024			5.1	.089	7.8	.136	-4.0	-.070	6.8	.119				
2493	5.5	.096	5.2	.091	5.3	.092	-2.1	-.037	1.1	.019	-1.9	-.053	-3.7	-.065	-1.0	-.017	-2.7	-.047	2.9	.051				
2494	7.1	.124	5.7	.099			-3.0	-.052	-3.7	-.065			1.7	.030	7.4	.129	-2.4	-.042	5.1	.089				
2496	5.6	.098	4.9	.086			-1.9	-.033	-3	-.005			4.4	.077	1.3	.023	-3.8	-.066	2.2	.038				
2497	4.5	.079	5.6	.098			.2	.003	-1.0	-.017			4.8	.084	-6.9	-.120	-4.2	-.073	3.3	.058				

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	TD	OR

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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	TD	OR	DEG	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	RAD	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD	DEG	AT	TD	OR	DEG	RAD

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS											
LNCG NO	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW					
	TD	OR	DEG	RAD	DEG	TD	OR	DEG	RAD	DEG	FF	TD	OR	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61											
2586	3.6	.063	6.7	.117			.5	.009	2.3	.040			-4.0	-.070	-12.9	-.225	-5.2	-.091		5.9	.103										
2587	4.9	.066	7.7	.134			.2	.003	.2	.003			4.7	.082	19.1	.333	-2.9	-.051		5.4	.094										
2588	3.2	.056	6.1	.106			8.1	.141	-4.7	-.082			-1.9	-.033	20.2	.352	-4.7	-.082		5.7	.099										
2589	3.3	.058	6.8	.119			-2	-.003	0.0	0.000			3.5	.061	-1.1	-.019	-5.5	-.096		4.1	.072										
2590	5.0	.087	6.2	.108			-3	-.005	-9	-.016			-4	-.007	7.4	.129	-1.8	-.031		1.5	.026										
2591	6.1	.106	7.4	.129			-1.3	-.023	-1.0	-.017			4.3	.075	-6	-.010	-10.9	-.190		13.3	.232										
2592	3.6	.063	5.8	.101			-3.2	-.056	-9	-.016			-1.0	-.017	-3.7	-.065	-3.5	-.061		4.8	.084										
2593	7.9	.138	6.7	.117	7.1		.124	-2.6	-.045	.3	.005	-2.4	-.042	-6.7	-.117	2.8	.049	-2.7	-.047	3.1	.054										
2594	5.5	.096	7.6	.133			3.2	.056	1.2	.021			2.8	.049	4.4	.077	-1.6	-.028		3.5	.061										
4044	9.4	.164	4.0	.070			1.9	.033	5.7	.099			3.4	.059	-3.3	-.050	-4.4	-.077		.6	.010										
4063	4.1	.072	5.2	.091			1.6	.028	-4	-.007			-1.8	-.031	4.3	.075	-1.8	-.031		1.5	.026										
4177	.8	.014	6.3	.110			1.0	.017	-3.2	-.056			5.6	.098	18.1	.316	-3.7	-.065		6.9	.120										
4313	10.0	.175	6.8	.119			4.5	.079	.7	.012			-1	-.002	-2.7	-.047	5.4	.094		-5.9	-.103										
4331	1.8	.031	4.6	.080			-4.2	-.073	3.2	.056			2.4	.042	.1	.002	-1.9	-.033		2.6	.045										
4336	4.7	.082	6.2	.108			-6	-.010	-1.4	-.024			3.8	.066	.9	.016	-4.1	-.072		7.2	.128										
4435	5.4	.094	6.6	.115			.9	.016	2.2	.038			6.1	.106	-5.1	-.089	-3.5	-.061		4.1	.072										
4705	4.1	.072	6.0	.105	4.1	.072	-1.5	-.026	-3.4	-.059	-1.7	-.030	1.9	.033	5.9	.103	.2	.003		.2	.003										
4953	5.6	.098	6.4	.112			-2	-.003	1.8	.031			-2.1	-.037	-1.1	-.019	-2.4	-.042		2.2	.038										

LANDING DATA - MODEL T-2C										USS ENTERPRISE (C-M-65)										DAY LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
LNDG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	LNDG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC	ARR	GEAR	REREAD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	KN	M/S	DEG	RAD	DEG	RAD	DEG	RAD	F	C	IN	HG	MM	HG	IN	CM	RUNOUTS	NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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LANDING DATA - MODEL T-2C				USS ENTERPRISE (CVN-65)				DAY LANDINGS															
OFF-CENTER		RAMP TO TD		WIRE SIDE		UNDG		FLAP		SHIP		DECK PITCH		DECK ROLL		TEMP		BAROMETRIC		ARR GEAR		REREAD	
DISTANCE		DISTANCE		NO.		NO.		TYPE		CODE		SPEED						PRESSURE		RUNOUTS		NUMBER	
FT	M	FT	M	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	KN	M/S	DEG	RAD	DEG	RAD	F	C	IN	CM	IN	CM
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82			
1778	-4	-1	342	104		957	60120	11	6	-7	-0.012	-8	-0.014	68	20	29.96	761.0	0	0.0	0	0		
1779	-7	-2	300	91		347	70100	11	6	-2	-0.003	-2.7	-0.047	68	20	29.96	761.0	0	0.0	0	0		
1780	-9	-3	279	85		358	70120	11	6	-3	-0.005	-1.7	-0.030	68	20	29.96	761.0	0	0.0	0	0		
1782	-19	-6	219	67	4	347	50100	11	6	-6	-0.010	-1.9	-0.033	68	20	29.96	761.0	167	424.2	2	2		
1783	-9	-3	278	84		963	60100	11	6	-6	-0.010	-2.5	-0.044	68	20	29.96	761.0	0	0.0	0	0		
1784	-23	-7	225	69	4	358	50100	11	6	-4	-0.007	-9	-0.016	68	20	29.96	761.0	160	406.4	2	2		
1785	-16	-5	171	52		981	60200	11	6	-4	-0.007	-1.3	-0.023	68	20	29.96	761.0	0	0.0	0	0		
1786	-4	-1	264	80	4	963	50120	11	6	-4	-0.007	-8	-0.014	68	20	29.96	761.0	162	411.5	0	0		
1787	-18	-5	157	48	4	981	50200	9	5	-5	-0.009	-8	-0.014	68	20	29.96	761.0	162	411.5	2	2		
1788	-20	-6	184	56	4	957	50100	9	5	-5	-0.009	-1.7	-0.030	68	20	29.96	761.0	150	381.0	1	1		
1789	-15	-5	226	69		307	70120	9	5	-3	-0.005	-1.1	-0.002	68	20	29.96	761.0	0	0.0	1	1		
1790	-2	-1	285	87	4	985	50200	8	4	-1	-0.002	-1.8	-0.031	68	20	29.96	761.0	165	419.1	0	0		
1793	-16	-5	196	60	4	985	50200	9	5	-6	-0.010	-2	-0.003	68	20	29.93	760.2	161	408.9	0	0		
1794	-6	-2	315	96		347	60200	8	4	-4	-0.007	-7	-0.012	68	20	29.93	760.2	0	0.0	0	0		
1795	-9	-3	285	87	4	347	50200	8	4	-3	-0.005	-3.3	-0.058	68	20	29.93	760.2	158	401.3	0	0		
1796	-8	-2	316	96		985	60200	8	4	-3	-0.005	-2.4	-0.042	68	20	29.93	760.2	0	0.0	0	0		
1797	-12	-4	233	71		307	60200	8	4	-2	-0.003	-1.2	-0.021	68	20	29.93	760.2	0	0.0	0	0		
1798	-10	-3	289	88	4	985	50120	7	4	-4	-0.007	-7	-0.012	68	20	29.93	760.2	151	383.5	0	0		
1799	-11	-3	285	81	4	358	50100	7	4	-6	-0.010	-1.7	-0.030	68	20	29.93	760.2	163	414.0	0	0		
1801	-12	-4	166	51		307	60100	8	4	-3	-0.005	-1.3	-0.023	68	20	29.93	760.2	0	0.0	0	0		
1802	-8	-2	124	38	4	307	50200	8	4	-5	-0.009	-2.1	-0.037	68	20	29.93	760.2	164	416.6	0	0		
1803	-1	0	303	92	4	358	50120	8	4	-4	-0.007	-1.9	-0.033	68	20	29.93	760.2	162	411.5	0	0		
1804	-10	-3	258	79	3	635	50200	8	4	-3	-0.005	-1.7	-0.030	69	21	29.95	760.7	152	386.1	0	0		
1805	-8	-2	293	89		981	60200	8	4	-5	-0.009	-2.3	-0.040	69	21	29.95	760.7	0	0.0	0	0		
1807	-9	-3	274	84	4	358	50200	8	4	-6	-0.010	-3.0	-0.052	69	21	29.95	760.7	154	391.2	0	0		
1808	-7	-2	220	67	3	981	50200	8	4	-3	-0.005	-1.2	-0.021	69	21	29.95	760.7	156	396.2	0	0		
1809	-12	-4	217	66		643	70200	8	4	-5	-0.009	-1.2	-0.021	69	21	29.95	760.7	0	0.0	0	0		
1810	-9	-3	272	83		991	70100	8	4	-3	-0.005	-3	-0.005	69	21	29.95	760.7	0	0.0	0	0		
1812	-10	-3	210	64		643	70100	8	4	-6	-0.010	-1.2	-0.021	69	21	29.95	760.7	0	0.0	0	0		
1813	-13	-4	201	89		991	70100	8	4	-3	-0.005	-2.0	-0.035	69	21	29.95	760.7	0	0.0	0	0		
1814	-4	-1	269	82	3	957	50200	8	4	-6	-0.010	-6	-0.010	69	21	29.95	760.7	155	393.7	2	2		
1815	-10	-3	265	81		981	70120	8	4	-6	-0.010	-7	-0.012	69	21	29.95	760.7	0	0.0	0	0		
1817	-18	-5	310	94		991	60100	8	4	-5	-0.009	-1.8	-0.031	69	21	29.95	760.7	0	0.0	1	1		
1819	-12	-4	277	84	3	981	50120	11	6	-2	-0.003	-2.0	-0.035	69	21	29.95	760.7	146	370.8	0	0		
1821	-3	-1	340	104		991	60100	11	6	-3	-0.005	-1.0	-0.017	69	21	29.95	760.7	0	0.0	0	0		
1822	-5	-2	289	88	4	957	50100	11	6	-3	-0.005	-1.5	-0.026	69	21	29.95	760.7	144	385.8	0	0		
1823	-14	-4	301	92	4	991	50100	11	6	-5	-0.009	-1.9	-0.033	69	21	29.95	760.7	154	391.2	0	0		
1891	-3	-1	343	105		670	60200	12	6	-1	-0.002	-1.1	-0.002	67	19	29.95	760.7	0	0.0	0	0		
1893	-5	-2	264	80	3	302	50100	12	6	-3	-0.005	-9	-0.016	67	19	29.95	760.7	157	398.8	1	1		
1894	-10	-3	230	70	2	325	50120	12	6	-2	-0.003	-1.8	-0.031	67	19	29.95	760.7	160	406.4	1	1		

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LN DG	NO.	OFF-CENTER		RAMP TO TD	WIRE	SIDE	LN DG	FLAP	SHIP	DECK		PITCH	DECK		ROLL	TEMP	BAROMETRIC			ARR	GEAR	REREAD
		FT	M							DEG	RAD		DEG	RAD			IN	CM	MM			
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82		
1895	-5	-2	254	77	3	647	50120	12	6	-3	-.005	-.9	-.016	67	19	29.95	760.7	147	373.4		0	
1899	-8	-2	276	84	4	325	50200	13	7	-2	-.003	-.4	-.007	67	19	29.95	760.7	158	401.3		0	
1900	0	0	330	101		647	60120	13	7	0.0	0.000	-.4	-.007	67	19	29.95	760.7	0	0.0		0	
1901	-7	-2	258	79	3	647	50100	13	7	-2	-.003	-2.1	-.037	67	19	29.95	760.7	156	396.2		0	
1902	-4	-1	242	74	2	670	50200	13	7	0.0	0.000	-1.4	-.024	67	19	29.95	760.7	155	393.7		0	
1903	-11	-3	226	69	2	665	50200	14	7	-3	-.005	.2	.003	68	20	30.01	762.3	154	391.2		1	
1904	-3	-1	281	86	4	961	50200	15	8	-3	-.005	.3	.005	68	20	30.01	762.3	159	403.9		0	
1905	-5	-2	282	86	3	670	60120	15	8	0.0	0.000	-1.6	-.028	68	20	30.01	762.3	163	414.0		1	
1906	-4	-1	271	83	4	342	50200	15	8	-2	-.003	-.2	-.003	68	20	30.01	762.3	163	414.0		1	
1907	-3	-1	289	88	4	302	50120	15	8	-1	-.002	-.5	-.009	68	20	30.01	762.3	165	419.1		0	
1909	-9	-3	248	76		546	70100	15	8	-2	-.003	.3	.005	68	20	30.01	762.3	0	0.0		1	
1910	-11	-3	269	64		655	70200	16	8	-5	-.009	.5	.009	68	20	30.01	762.3	0	0.0		0	
1911	-16	-5	304	93	4	670	50120	16	8	-4	-.007	-1.5	-.026	68	20	30.01	762.3	167	424.2		0	
1912	-6	-2	278	85		646	70100	16	8	-2	-.003	-.2	-.003	68	20	30.01	762.3	0	0.0		0	
1913	-19	-6	274	84		655	70100	16	8	.3	.005	-1.6	-.028	68	20	30.01	762.3	0	0.0		1	
1915	-5	-2	270	82	3	646	50120	16	8	-2	-.003	.2	.003	68	20	30.01	762.3	163	414.0		0	
1917	-9	-3	256	78	4	655	50200	16	8	-1	-.002	-.1	-.002	68	20	30.01	762.3	160	406.4		0	
1918	-12	-4	287	87	4	993	50200	16	8	-1	-.002	-.4	-.007	68	20	30.01	762.3	162	411.5		0	
1919	-15	-5	222	68	2	329	50100	16	8	-1	-.002	-1.3	-.023	68	20	30.01	762.3	152	386.1		0	
1920	-12	-4	292	89		655	60123	16	8	-3	-.005	-.4	-.007	68	20	30.01	762.3	0	0.0		0	
1921	-3	-1	295	90		348	70200	16	8	-1	-.002	-.7	-.012	68	20	30.01	762.3	0	0.0		0	
1922	-16	-5	282	86		655	60100	16	8	-5	-.009	.6	.010	68	20	30.01	762.3	0	0.0		0	
1923	-6	-2	319	97	3	646	50100	16	8	-5	-.009	.3	.005	68	20	30.01	762.3	163	414.0		0	
1924	-9	-3	306	93		328	70100	16	8	-5	-.009	.1	.002	68	20	30.01	762.3	0	0.0		1	
1925	-16	-5	246	75	3	993	50100	16	8	-3	-.005	.8	.014	68	20	30.01	762.3	139	353.1		1	
1926	-18	-5	230	70	3	655	50100	16	8	-4	-.007	-.1	-.002	68	20	30.01	762.3	164	416.6		1	
1927	-13	-4	304	93	4	646	50100	16	8	-2	-.003	-.4	-.007	68	20	30.01	762.3	156	396.2		1	
1928	-9	-3	320	98		328	60200	16	8	-2	-.003	-.6	-.010	68	20	30.01	762.3	0	0.0		0	
1934	1	0	285	87	3	646	60200	13	7	-3	-.005	.4	.007	68	20	30.01	762.3	166	421.6		0	
1935	-3	-1	322	98		328	60100	13	7	-4	-.007	.4	.007	68	20	30.01	762.3	0	0.0		0	
1936	-8	-2	275	84		347	70100	15	8	-3	-.005	1.1	.019	68	20	30.01	762.3	0	0.0		0	
1937	-7	-2	291	89		328	60200	15	8	-2	-.003	-.5	-.009	68	20	30.01	762.3	0	0.0		0	
1938	-14	-4	262	80	3	328	50100	15	8	-2	-.003	.6	.010	68	20	30.01	762.3	145	368.3		1	
1940	-11	-3	286	87		646	70100	15	8	-1	-.002	-.6	-.010	68	20	30.01	762.3	0	0.0		0	
1942	-8	-2	261	80		635	70100	15	8	.1	.002	-.2	-.003	68	20	30.01	762.3	0	0.0		0	
1943	-3	-1	223	68	2	646	50200	13	7	-2	-.003	.3	.005	68	20	30.01	762.3	160	406.4		1	
1945	-1	0	261	80	3	635	50120	12	6	0.0	0.000	1.7	.030	68	20	30.01	762.3	160	406.4		0	
1946	-18	-5	233	71		991	70100	12	6	-2	-.003	-.3	-.005	68	20	30.01	762.3	0	0.0		2	
1947	-9	-3	307	94	4	328	50100	12	6	-2	-.003	.3	.005	68	20	30.01	762.3	153	388.6		0	
1948	-4	-1	290	88	4	635	50100	12	6	-2	-.003	-1.2	-.021	68	20	30.01	762.3	153	388.6		0	

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDG NO.	OFF-CENTER		RAMP TO TD	WIRE SIDE		LNDG NO.	TYPE	FLAP	SHIP	DECK PITCH		DECK ROLL	TEMP	BAROMETRIC		ARR GEAR	REREAD												
	FT	M		FT	M					KN	M/S			DEG	RAD			DEG	RAD	F	C	IN HG	MM HG	IN	CM				
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
1949	-6	-2	259	79		4	321	50200	13	7	-2	-.003	.1	.002	68	20	30.01	762.3	152	386.1	0								
1950	-10	-3	249	76			307	70200	13	7	-2	-.003	-.2	-.003	68	20	30.01	762.3	0	0.0	1								
1951	0	0	306	93			991	70120	13	7	-2	-.003	1.1	.019	68	20	30.01	762.3	0	0.0	0								
1953	-7	-2	284	87		3	328	50100	13	7	-2	-.003	1.2	.021	67	19	30.02	762.5	149	378.5	0								
1955	-4	-1	279	85			991	70100	13	7	-1	-.002	.8	.014	67	19	30.02	762.5	0	0.0	0								
1956	-13	-4	229	70		2	635	50100	13	7	-3	-.005	.4	.007	67	19	30.02	762.5	153	388.6	0								
1957	4	1	337	103			646	60100	13	7	-2	-.003	-.2	-.003	67	19	30.02	762.5	0	0.0	0								
1958	-14	-4	255	78			819	70120	13	7	-2	-.003	0.0	0.000	67	19	30.02	762.5	0	0.0	1								
1959	-10	-3	186	57			606	70100	13	7	-3	-.005	.1	.002	67	19	30.02	762.5	0	0.0	0								
1961	-11	-3	236	73		3	307	50200	13	7	-2	-.003	-.1	-.002	67	19	30.02	762.5	150	381.0	0								
1964	-15	-5	180	55			819	60200	12	6	-3	-.005	1.2	.021	67	19	30.02	762.5	162	411.5	2								
1965	-13	-4	217	66		4	819	50200	12	6	-2	-.003	-.9	-.033	67	19	30.02	762.5	158	401.3	0								
1966	0	0	261	80		3	991	50200	12	6	-1	-.002	.2	.003	67	19	30.02	762.5	164	416.6	0								
1967	-9	-3	264	80		3	307	50100	12	6	-4	-.007	.6	.010	67	19	30.02	762.5	159	403.9	0								
1969	-11	-3	228	89		2	606	50100	12	6	-2	-.003	-.1	-.002	67	19	30.02	762.5	157	398.8	0								
1970	-7	-2	240	73		2	957	50100	12	6	-1	-.002	.5	.009	67	19	30.02	762.5	147	373.4	0								
1971	-6	-2	301	92		4	991	50120	12	6	-1	-.002	-.9	-.016	67	19	30.02	762.5	163	414.0	0								
1972	-16	-5	216	66		2	307	50100	12	6	-1	-.002	-.1	-.002	67	19	30.02	762.5	138	350.5	1								
1973	-4	-1	231	70		4	991	50200	12	6	-2	-.003	1.3	.023	67	19	30.02	762.5	160	406.4	0								
1974	-11	-3	282	86		4	307	50100	12	6	-1	-.002	-.4	-.007	67	19	30.02	762.5	145	368.3	0								
1975	-8	-2	240	73		3	606	50100	12	6	-3	-.005	-.4	-.007	67	19	30.02	762.5	162	411.5	0								
2044	-14	-4	227	69			325	70100	10	5	-1	-.002	0.0	0.000	73	23	29.99	761.7	0	0.0	0								
2046	-15	-5	261	80			670	70100	9	5	-3	-.005	.9	.016	73	23	29.99	761.7	0	0.0	2								
2047	-13	-4	268	82			647	70200	9	5	-2	-.003	-.1	-.002	73	23	29.99	761.7	0	0.0	1								
2048	-14	-4	259	79		3	670	50200	9	5	-4	-.007	.9	.016	73	23	29.99	761.7	163	414.0	1								
2049	-12	-4	218	68			647	70120	9	5	-1	-.002	.7	.012	73	23	29.99	761.7	0	0.0	0								
2050	-13	-4	284	87			961	70100	9	5	-1	-.002	-.2	-.003	73	23	29.99	761.7	0	0.0	0								
2051	-8	-2	268	82			302	70200	9	5	-2	-.003	.8	.014	73	23	29.99	761.7	0	0.0	2								
2052	-16	-5	307	94			643	70200	9	5	-3	-.005	.3	.005	73	23	29.99	761.7	0	0.0	0								
2053	-8	-2	195	59			993	70200	9	5	-1	-.002	1.1	.019	73	23	29.99	761.7	0	0.0	0								
2054	-13	-4	231	70		2	647	50100	10	5	-3	-.005	1.2	.021	73	23	29.99	761.7	155	393.7	0								
2055	-11	-3	268	81		3	302	50200	10	5	-3	-.005	1.3	.023	73	23	29.99	761.7	158	401.3	0								
2056	-23	-7	160	49		2	643	50100	10	5	-4	-.007	.6	.010	73	23	29.99	761.7	161	408.9	2								
2057	-24	-7	180	58		2	993	50100	10	5	-2	-.003	.2	.003	73	23	29.99	761.7	163	414.0	1								
2058	-14	-4	244	74		2	670	50120	9	5	-2	-.003	1.3	.023	73	23	29.99	761.7	166	421.6	0								
2059	-20	-6	195	59		2	647	50100	9	5	-2	-.003	0.0	0.000	73	23	29.99	761.7	136	345.4	1								
2060	-9	-3	281	86		4	325	50100	9	5	-2	-.003	-.2	-.003	73	23	29.99	761.7	161	408.9	1								
2061	-7	-2	283	86		3	302	50120	9	5	-1	-.002	.8	.014	73	23	29.99	761.7	154	391.2	1								
2063	-15	-5	294	90		4	643	50200	9	5	-3	-.005	-.1	-.002	73	23	29.99	761.7	159	403.9	0								
2065	-2	-1	305	93			985	70100	8	4	-2	-.003	1.3	.023	73	23	29.99	761.7	0	0.0	0								

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CWN-65)										DAY LANDINGS									
LANDG		OFF-CENTER		RAMP TO TD		WIRE SIDE		LANDG		FLAP		SHIP		DECK PITCH		DECK ROLL		TEMP		BAROMETRIC		ARR GEAR		REREAD					
NO.		DISTANCE		DISTANCE		NO.		NO.		TYPE		CODE		SPEED						PRESSURE		RUNOUTS		NUMBER					
		FT	M	FT	M			67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82						
2066	-11	-3	243	74		981	70120		8	4	-4	-007	.3	.005	73	23	29.99	761.7	0	0.0	0	0							
2067	-9	-3	230	70		985	70200		8	4	-2	-003	-.3	-.005	73	23	29.99	761.7	0	0.0	0	0							
2068	-24	-7	240	73		985	50100		8	4	-5	-009	1.5	.026	73	23	29.99	761.7	159	403.9	1	1							
2070	-13	-4	233	71		2	961	50200	10	5	-3	-005	0.0	0.000	73	23	29.99	761.7	149	378.5	0	0							
2072	-13	-4	203	62		2	647	50100	8	4	-4	-007	-.5	-.009	73	23	29.99	761.7	162	411.5	0	0							
2073	-25	-8	176	54		2	643	50100	8	4	-2	-003	.2	.003	73	23	29.99	761.7	165	419.1	2	2							
2074	-11	-3	260	79		3	302	50200	10	5	-2	-003	1.2	.021	73	23	29.99	761.7	165	419.1	2	2							
2076	-4	-1	292	89		4	985	50200	10	5	-6	-010	-.5	-.009	73	23	29.99	761.7	165	419.1	1	1							
2077	-12	-4	219	87		2	993	50100	10	5	-2	-003	-.5	-.009	73	23	29.99	761.7	167	424.2	0	0							
2078	-6	-2	272	83		3	670	50120	10	5	-1	-002	-.2	-.003	73	23	29.99	761.7	167	424.2	0	0							
2079	-14	-4	176	54		2	985	50200	12	6	-2	-003	.4	.007	73	23	29.99	761.7	167	424.2	0	0							
2080	-5	-2	237	72		600	70100		11	6	-2	-003	-.3	-.005	73	23	29.99	761.7	0	0.0	0	0							
2083	-13	-4	200	84		2	635	50120	11	6	-1	-002	-.9	-.016	73	23	29.99	761.7	163	414.0	0	0							
2086	-17	-5	222	68		2	302	50200	12	6	-3	-005	0.0	0.000	73	23	29.99	761.7	148	375.9	2	2							
2087	-8	-2	273	83		819	70100		12	6	-1	-002	-.2	-.003	73	23	29.99	761.7	0	0.0	0	0							
2088	-9	-3	228	69		307	70120		11	6	-3	-005	-.1	-.002	73	23	29.99	761.7	0	0.0	0	0							
2089	-5	-2	316	96		963	70200		11	6	-1	-002	-.4	-.007	73	23	29.99	761.7	0	0.0	0	0							
2091	-8	-2	247	75		635	70200		9	5	-1	-002	.1	.002	73	23	29.99	761.7	0	0.0	1	1							
2092	-15	-5	225	69		2	307	50100	9	5	-2	-003	-.9	-.016	73	23	29.99	761.7	156	396.2	0	0							
2093	-8	-2	278	85		963	70200		10	5	-2	-003	-.8	-.014	73	23	29.99	761.7	0	0.0	0	0							
2094	-12	-4	243	74		2	655	80120	10	5	-4	-007	.1	.002	73	23	29.99	761.7	145	368.3	1	1							
2095	-9	-3	226	69		3	635	50200	10	5	-3	-005	1.6	.028	73	23	29.99	761.7	155	393.7	1	1							
2096	-13	-4	274	84		3	963	50100	10	5	-4	-007	.6	.010	73	23	29.99	761.7	154	391.2	1	1							
2097	-19	-6	260	79		3	643	50200	10	5	-2	-003	.8	.014	73	23	29.99	761.7	155	393.7	2	2							
2098	-7	-2	254	77		3	328	50100	10	5	-1	-002	.4	.007	73	23	29.99	761.7	158	401.3	0	0							
2100	-14	-4	221	67		581	70200		10	5	-2	-003	.5	.009	73	23	29.99	761.7	0	0.0	1	1							
2101	-13	-4	130	40		606	70200		10	5	-2	-003	.1	.002	73	23	29.99	761.7	0	0.0	0	0							
2102	-16	-5	221	67		2	991	50100	11	6	-4	-007	0.0	0.000	73	23	29.99	761.7	154	391.2	0	0							
2103	-3	-1	245	75		606	70200		11	6	-2	-003	-.1	-.002	73	23	29.99	761.7	0	0.0	1	1							
2105	-19	-6	212	65		2	600	50200	11	6	-1	-002	1.3	.023	73	23	29.99	761.7	165	419.1	1	1							
2106	-8	-2	268	82		4	819	50100	11	6	-2	-003	.9	.016	73	23	29.99	761.7	152	386.1	1	1							
2107	-2	-1	323	98		321	60200		11	6	-5	-009	-.1	-.002	73	23	29.99	761.7	0	0.0	0	0							
2108	-9	-3	266	81		3	606	50100	11	6	-2	-003	-.3	-.005	73	23	29.99	761.7	150	381.0	0	0							
2109	-6	-2	301	92		321	60100		11	6	-4	-007	-.2	-.003	73	23	29.99	761.7	0	0.0	1	1							
2110	-11	-3	277	84		647	70100		20	10	0.0	0.000	-.9	-.016	67	19	30.01	762.3	0	0.0	0	0							
2117	-9	-3	256	78		670	70200		20	10	.1	.002	-.2	-.003	67	19	30.01	762.3	0	0.0	0	0							
21173	-11	-3	232	71		302	70200		21	11	-1	-002	-.5	-.009	67	19	30.01	762.3	0	0.0	0	0							
21174	-13	-4	133	41		325	70200		20	10	.3	.005	.3	.005	67	19	30.01	762.3	0	0.0	1	1							
21175	-13	-4	261	80		641	70120		20	10	-2	-003	-.8	-.014	67	19	30.01	762.3	0	0.0	0	0							

LANDING DATA - MODEL T-2C										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDG NO.	OFF-CENTER		RAMP TO TD	WIRE	SIDE	LNDG NO.	TYPE	FLAP	SHIP	DECK PITCH				DECK ROLL	TEMP	BAROMETRIC				ARR	GEAR	REREAD							
	FT	M								FT	M	KN	M/S			DEG	RAD	DEG	RAD				F	C	IN	HG	MM	HG	IN
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
2177	-14	-4	171	52		670	70100		20	10	0.0	0.000	-7	-0.012	67	19	30.01	762.3	0	0.0	0								
2201	-10	-3	285	90	4	981	50120		20	10	-2	-0.003	-3	-0.005	67	19	30.01	762.3	147	373.4	0								
2204	-13	-4	235	72	3	606	50100		18	9	-2	-0.003	-1	-0.002	67	19	30.01	762.3	159	403.9	2								
2205	-10	-3	215	66	2	325	50200		18	9	-2	-0.003	-3	-0.005	67	19	30.01	762.3	166	421.6	0								
2206	-8	-2	302	92	4	641	50200		17	9	-1	-0.002	-7	-0.012	67	19	30.01	762.3	169	429.3	0								
2207	-9	-3	258	79	3	635	50100		16	8	-2	-0.003	-3	-0.005	67	19	30.01	762.3	160	406.4	1								
2209	-12	-4	243	74		655	50200		17	9	-1	-0.002	-4	-0.007	67	19	30.01	762.3	0	0.0	0								
2210	-10	-3	247	75	3	670	50100		17	9	-1	-0.002	-1.6	-0.028	67	19	30.01	762.3	164	416.0	2								
2211	-15	-5	288	88	4	981	50200		19	10	-1	-0.002	-1.1	-0.019	67	19	30.01	762.3	158	401.3	2								
2213	-7	-2	310	94	4	641	50120		21	11	-4	-0.007	-5	-0.009	67	19	30.01	762.3	164	416.6	1								
2214	-7	-2	225	69	2	963	50120		22	11					71	22	30.00	762.0	169	429.3	0								
2215	-7	-2	314	96		641	60200		22	11					71	22	30.00	762.0	0	0.0	1								
2216	-5	-2	301	92		600	60200		22	11	-1	-0.002	-7	-0.012	71	22	30.00	762.0	0	0.0	0								
2218	-24	-7	268	88		991	70100		22	11	-1	-0.002	-3	-0.005	71	22	30.00	762.0	0	0.0	1								
2219	-17	-5	204	82		329	70200		22	11	-1	-0.002	-5	-0.009	71	22	30.00	762.0	0	0.0	0								
2220	-11	-3	279	85	4	641	50100		22	11	-1	-0.002	-3	-0.005	71	22	30.00	762.0	160	406.4	0								
2221	-10	-3	312	95		991	70100		19	10	-1	-0.002	-4	-0.007	71	22	30.00	762.0	0	0.0	0								
2222	-27	-8	175	53		329	70100		19	10	0.0	0.000	-4	-0.007	71	22	30.00	762.0	0	0.0	1								
2223	-19	-6	238	73	3	600	50100		19	10	-1	-0.002	-6	-0.010	71	22	30.00	762.0	152	386.1	1								
2224	-13	-4	230	73	3	670	50100		19	10	0.0	0.000	-6	-0.010	71	22	30.00	762.0	158	401.3	1								
2227	-20	-6	211	64	2	329	50100		19	10	0.0	0.000	-6	-0.010	71	22	30.00	762.0	144	365.8	1								
2228	-3	-1	311	95		342	70200		19	10	0.0	0.000	-1.1	-0.019	71	22	30.00	762.0	0	0.0	0								
2229	-11	-3	302	92	4	991	50200		19	10	-2	-0.003	-2	-0.003	71	22	30.00	762.0	145	368.3	0								
2230	-10	-3	206	63		606	60200		19	10	-1	-0.002	-4	-0.007	71	22	30.00	762.0	0	0.0	0								
2231	-9	-3	268	82	3	342	50100		19	10	-1	-0.002	-7	-0.012	71	22	30.00	762.0	157	398.8	1								
2232	-11	-3	263	80		981	60200		19	10	-1	-0.002	-4	-0.007	71	22	30.00	762.0	0	0.0	0								
2233	-15	-5	238	73	4	606	50100		19	10	-1	-0.002	-3	-0.005	71	22	30.00	762.0	162	411.5	1								
2234	-10	-3	278	85		981	70100		19	10	-1	-0.002	-5	-0.009	71	22	30.00	762.0	0	0.0	0								
2235	-14	-4	275	84	3	981	50100		19	10	-1	-0.002	-3	-0.005	71	22	30.00	762.0	162	411.5	0								
2238	-16	-5	174	53	2	606	50100		19	10	-3	-0.005	0.0	0.000	71	22	30.00	762.0	167	424.2	1								
2239	-8	-2	318	97		665	60100		19	10	-2	-0.003	-2	-0.003	71	22	30.00	762.0	0	0.0	0								
2240	-11	-3	198	60	2	321	50100		17	9	0.0	0.000	0.0	0.000	71	22	30.00	762.0	167	424.2	0								
2241	-9	-3	263	80	3	665	50120		17	9	0.0	0.000	0.0	0.000	71	22	30.00	762.0	161	406.9	0								
2242	-17	-5	201	61	3	963	50100		17	9	-1	-0.002	-7	-0.012	71	22	30.00	762.0	153	388.6	2								
2243	-13	-4	209	82	4	961	50100		15	8	-1	-0.002	-9	-0.016	71	22	30.00	762.0	151	383.5	1								
2244	-10	-3	253	77	3	981	50200		15	8	0.0	0.000	-9	-0.016	71	22	30.00	762.0	156	396.2	2								
2245	-10	-3	257	78	3	991	50100		15	8	0.0	0.000	-7	-0.012	71	22	30.00	762.0	160	406.4	0								
2247	-13	-4	268	82		957	70100		15	8	0.0	0.000	-2	-0.003	71	22	30.00	762.0	0	0.0	0								
2248	-19	-6	214	65		350	60200		15	8	-1	-0.002	-5	-0.009	71	22	30.00	762.0	0	0.0	1								
2249	-13	-4	265	81	3	957	50100		15	8	-1	-0.002	-3	-0.005	71	22	30.00	762.0	159	403.9	0								

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LDNG NO.	OFF-CENTER		RAMP TO TD		WIRE NO.	SIDE	LDNG NO.	TYPE	FLAP	SHIP SPEED				DECK PITCH		DECK ROLL		TEMP		BAROMETRIC				ARR GEAR	REARUD NUMBER
	FT	M	FT	M						NO.	68	69	70	71	72	73	74	75	76	77	78	79	80		
62	63	64	65	66	67	68	69		70	71	72	73	74	75	76	77	78	79	80	81	82				
22251	-10	-3	243	74	3	655	50120		16	8	0.0	0.000		-6	-.010	71	22	30.00	762.0	160	406.4	0	0		
22252	-10	-3	262	80	3	665	50100		17	9	0.0	0.000		-8	-.014	71	22	30.00	762.0	162	411.5	0	0		
22253	-14	-4	194	59	2	321	50200		19	10	-1	-.002		.9	.016	71	22	30.00	762.0	160	406.4	1	1		
22254	-15	-5	266	81	4	655	50100		20	10	0.0	0.000		0.0	0.000	71	22	30.00	762.0	161	408.9	0	0		
22255	-15	-5	250	76	3	329	50100		21	11	0.0	0.000		.7	.012	71	22	30.00	762.0	159	403.9	0	0		
22256	-9	-3	262	80	3	957	50100		21	11	-1	-.002		1.3	.023	71	22	30.00	762.0	159	403.9	0	0		
22257	-10	-3	252	77	3	981	50120		21	11	0.0	0.000		.5	.009	71	22	30.00	762.0	160	406.4	2	2		
22259	-10	-3	257	78	3	358	50100		20	10	.1	.002		.3	.005	71	22	30.00	762.0	159	403.9	0	0		
22260	-20	-6	203	62	991	60100		19	10	-1	-.002			.3	.005	71	22	30.00	762.0	0	0.0	1	1		
22261	-6	-2	310	94	957	60100		19	10	0.0	0.000			.3	.005	71	22	30.00	762.0	0	0.0	1	1		
22262	-19	-6	196	60	2	665	50100		19	10	-1	-.002		0.0	0.000	71	22	30.00	762.0	160	406.4	1	1		
22263	-15	-5	266	81	4	991	50200		19	10	-1	-.002		.1	.002	71	22	30.00	762.0	161	408.9	0	0		
22264	-22	-7	122	37	2	309	50120		19	10	0.0	0.000		-.4	-.007	71	22	30.00	762.0	160	406.4	1	1		
22265	-13	-4	243	74	3	665	50200		19	10	.1	.002		-.3	-.005	71	22	30.00	762.0	160	406.4	0	0		
22266	-10	-3	208	68	957	60100		19	10	-1	-.002			.4	.007	71	22	30.00	762.0	0	0.0	0	0		
22267	-26	-8	184	56	2	329	50100		18	9	-1	-.002		-.3	-.005	71	22	30.00	762.0	160	406.4	2	2		
22269	-11	-3	295	90	321	70100		18	9	.1	.002			.1	.002	71	22	30.00	762.0	0	0.0	0	0		
22270	-11	-3	294	90	4	321	50200		18	9	-1	-.002		1.2	.021	71	22	30.00	762.0	166	421.6	1	1		
22271	-12	-4	250	76	643	70100		18	9	0.0	0.000			.7	.012	71	22	30.00	762.0	0	0.0	2	2		
22273	-16	-5	257	78	2	321	80100		18	9	0.0	0.000		.5	.009	71	22	30.00	762.0	164	416.6	0	0		
22275	-20	-6	232	71	329	70120		18	9	0.0	0.000			-.1	-.002	71	22	30.00	762.0	0	0.0	1	1		
22276	-5	-2	307	94	328	70120		18	9	-2	-.003			-.2	-.003	71	22	30.00	762.0	0	0.0	0	0		
22277	-14	-4	251	77	946	70100		19	10	0.0	0.000			1.2	.021	71	22	30.00	762.0	0	0.0	0	0		
22278	-13	-4	195	59	2	329	50120		20	10	0.0	0.000		1.1	.019	71	22	30.00	762.0	163	414.0	0	0		
22280	-6	-2	319	97	646	60120		23	12	0.0	0.000			.2	.003	71	22	30.00	762.0	0	0.0	2	2		
22282	-18	-5	216	66	2	985	50200		24	12	.2	.003		.3	.005	71	22	30.00	762.0	162	411.5	2	2		
22283	-18	-5	172	52	2	646	50200		24	12	.2	.003		.4	.007	71	22	30.00	762.0	162	411.5	1	1		
22284	-7	-2	268	81	3	328	50200		24	12	.1	.002		-.6	-.010	71	22	30.00	762.0	159	403.9	0	0		
22285	2	1	333	101	991	70100		24	12	0.0	0.000			.4	.007	71	22	30.00	762.0	0	0.0	1	1		
22286	-12	-4	163	50	2	329	50100		24	12	0.0	0.000		.2	.003	71	22	30.00	762.0	162	411.5	0	0		
22287	-14	-4	268	82	4	643	50100		24	12	.1	.002		-.7	-.012	71	22	30.00	762.0	160	406.4	0	0		
22288	-14	-4	193	59	321	70200		24	12	0.0	0.000			.8	.014	71	22	30.00	762.0	0	0.0	0	0		
22289	-2	-1	321	96	991	60120		24	12	0.0	0.000			.5	.009	71	22	30.00	762.0	0	0.0	0	0		
22290	-13	-4	167	51	2	321	50100		24	12	.2	.003		.2	.003	71	22	30.00	762.0	164	416.6	2	2		
22291	-13	-4	215	66	358	70200		24	12	.3	.005			-.3	-.005	69	21	30.00	762.0	0	0.0	2	2		
22292	-5	-2	269	82	4	991	50100		24	12	0.0	0.000		.1	.002	69	21	30.00	762.0	164	416.6	0	0		
22293	-15	-5	158	48	2	358	50200		24	12	.1	.002		-.8	-.014	69	21	30.00	762.0	163	414.0	0	0		
22294	-6	-2	247	75	3	961	50100		24	12	.1	.002		.1	.002	69	21	30.00	762.0	147	373.4	2	2		
22295	-8	-2	285	87	4	346	50120		22	11	0.0	0.000		.7	.012	66	19	29.97	761.2	150	381.0	0	0		
22296	-16	-5	185	56	2	321	50100		21	11	.1	.002		.7	.012	66	19	29.97	761.2	164	416.6	2	2		

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

LANDG NO.	OFF-CENTER		RAMP TO TD		WIRE	SIDE	LANDG NO.	TYPE	FLAP	SHIP			DECK			PITCH			DECK ROLL			TEMP			BAROMETRIC			ARR	GEAR	REREAD
	FT	M	FT	M						NO.	CODE	KN	M/S	DEG	RAD	DEG	RAD	DEG	RAD	F	C	IN	HG	MM	HG	IN	CM			
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82										
	-15	-5	183	56	2	358	50200	20	10	-2	.003	.4	.007	66	19	29.97	761.2	158	401.3	0										
	-13	-4	260	79	3	328	50200	20	10	.1	.002	-.4	-.007	66	19	29.97	761.2	163	414.0	0										
	-15	-5	293	80		957	70120	20	10	0.0	0.000	.5	.009	66	19	29.97	761.2	0	0.0	0										
	-12	-4	210	84		329	70200	20	10	0.0	0.000	.6	.010	66	19	29.97	761.2	0	0.0	0										
	-10	-3	257	78	3	957	50200	20	10	.1	.002	.1	.002	66	19	29.97	761.2	158	401.3	0										
	-5	-2	275	84	3	321	50120	22	11	0.0	0.000	-.4	-.007	66	19	29.97	761.2	160	406.4	2										
	-14	-4	235	72	2	646	50100	21	11	-2	.003	.2	.003	66	19	29.97	761.2	159	403.9	1										
	-20	-6	155	47	358	70200	21	11	.4	.007	.7	.012	66	19	29.97	761.2	0	0.0	2											
	-16	-5	145	44	2	329	50100	21	11	0.0	0.000	0.0	0.000	66	19	29.97	761.2	165	419.1	1										
	-14	-4	167	51	2	819	50200	21	11	.3	.005	-1.3	-.023	66	19	29.97	761.2	156	396.2	0										
	-13	-4	195	59	2	358	50200	21	11	.3	.005	.8	.014	66	19	29.97	761.2	168	426.7	0										
	-22	-7	173	53	2	646	50200	21	11	-1	-.002	-.4	-.007	66	19	29.97	761.2	163	414.0	1										
	-13	-4	167	51	2	328	50200	22	11	-1	-.002	.8	.014	66	19	29.97	761.2	161	408.9	0										
	-17	-5	214	65	2	358	50100	22	11	0.0	0.000	-.5	-.009	66	19	29.97	761.2	167	424.2	1										
	-19	-6	221	67	2	957	50100	22	11	-1	-.002	-.3	-.005	66	19	29.97	761.2	159	403.9	2										
	-10	-3	220	67	2	328	50200	22	11	.3	.005	-1.1	-.019	66	19	29.97	761.2	165	419.1	2										
	-8	-2	159	48	2	321	50200	21	11	.2	.003	-.8	-.014	66	19	29.97	761.2	162	411.5	2										
	-15	-5	195	59	2	329	50200	21	11	0.0	0.000	.1	.002	66	19	29.97	761.2	167	424.2	2										
	-12	-4	184	56	2	646	50120	21	11	-1	-.002	-.3	-.005	66	19	29.97	761.2	167	424.2	0										
	-13	-4	181	55	2	985	50200	22	11	.3	.005	-.9	-.016	69	21	29.96	761.0	165	419.1	2										
	-13	-4	213	65	325	70120	22	11	0.0	0.000	.3	.005	69	21	29.96	761.0	0	0.0	0											
	-10	-3	193	59	606	70100	22	11	0.0	0.000	.7	.012	69	21	29.96	761.0	0	0.0	0											
	-13	-4	196	60	325	70200	21	11	.1	.002	.2	.003	69	21	29.96	761.0	0	0.0	0											
	-8	-2	183	50	641	70100	21	11	.4	.007	-.6	-.010	69	21	29.96	761.0	0	0.0	0											
	-21	-6	152	46	606	70100	21	11	.1	.002	-.6	-.010	69	21	29.96	761.0	0	0.0	1											
	-14	-4	229	70	2	646	50200	21	11	.1	.002	-.6	-.010	69	21	29.96	761.0	157	398.8	0										
	-13	-4	216	66	2	606	50100	21	11	0.0	0.000	-.2	-.003	69	21	29.96	761.0	157	398.8	1										
	-10	-3	274	84	3	325	50120	21	11	-1	-.002	-.7	-.012	69	21	29.96	761.0	156	396.2	0										
	-5	-2	300	94	641	70200	21	11	-1	-.002	.7	.012	69	21	29.96	761.0	0	0.0	1											
	-7	-2	301	92	4	329	50100	20	10	0.0	0.000	.3	.005	69	21	29.96	761.0	156	396.2	1										
	-4	-1	272	83	3	321	50100	20	10	.1	.002	.6	.010	69	21	29.96	761.0	163	414.0	0										
	-5	-2	293	89	4	670	50230	20	10	0.0	0.000	-1.3	-.023	69	21	29.96	761.0	163	414.0	0										
	-19	-6	210	84	2	647	50120	20	10	-1	-.002	-.4	-.007	69	21	29.96	761.0	158	401.3	1										
	-8	-2	260	82	3	646	50200	20	10	0.0	0.000	.4	.007	69	21	29.96	761.0	151	383.5	0										
	3	1	246	75	2	342	50100	20	10	-2	.003	.4	.007	69	21	29.96	761.0	152	401.3	0										
	-13	-4	283	86	4	963	50200	20	10	0.0	0.000	.6	.010	69	21	29.96	761.0	163	414.0	0										
	-12	-4	217	66	2	647	50200	20	10					69	21	29.96	761.0	169	429.3	0										
	-10	-3	248	76	2	606	80120	20	10					69	21	29.96	761.0	160	406.4	0										
	-13	-4	256	78	3	963	50200	19	10	.1	.002	0.0	0.000	69	21	29.96	761.0	158	401.3	0										
	-9	-3	217	66	2	641	50120	19	10	0.0	0.000	.8	.014	69	21	29.96	761.0	147	373.4	0										

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL T-2C

UNDO NO.	OFF-CENTER		RAMP TO TD		WIRE SIDE	UNDO NO.	TYPE	FLAP	SHIP				DECK PITCH		DECK ROLL		TEMP		BAROMETRIC				ARR GEAR	REREAD NUMBER
	FT	M	FT	M					NO.	NO.	KN	M/S	DEG	RAD	DEG	RAD	F	C	IN HG	MM HG	IN	CM		
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82				
	-16	-5	255	78	3	342	50100	19	10	0.0	0.000	-3	-.005	69	21	29.96	761.0	150	381.0	1				
	-16	-5	213	85	2	806	50120	19	10	.2	.003	-1.2	-.021	69	21	29.96	761.0	156	396.2	1				
	-8	-2	250	76	3	329	50200	20	10	.1	.002	-1.1	-.019	69	21	29.96	761.0	160	406.4	0				
	-18	-5	174	53	2	963	50200	20	10	0.0	0.000	.2	.003	69	21	29.96	761.0	132	335.3	1				
	-13	-4	310	94	4	606	50100	20	10	-1	-.002	-4	-.007	69	21	29.96	761.0	153	388.6	0				
	-8	-2	250	76	3	981	50200	20	10	-1	-.002	-8	-.014	69	21	29.96	761.0	139	353.1	0				
	-13	-4	251	77	3	647	50120	20	10	0.0	0.000	-1.5	-.026	69	21	29.96	761.0	161	408.9	0				
	-3	-1	305	93	325	60100	22	11	0.0	0.000	1.1	.019	69	21	29.96	761.0	0	0.0	0					
	-10	-3	277	84	325	60200	20	10	0.0	0.000	-3	-.005	69	21	29.96	761.0	0	0.0	0					
	-6	-3	248	76	2	325	50120	18	9	0.0	0.000	.7	.012	69	21	29.96	761.0	159	403.9	0				
	-11	-3	232	71	302	70100	18	9	.1	.002	-4	-.007	69	21	29.95	760.7	0	0.0	0					
	3	1	245	75	665	70100	18	9	-1	-.002	.4	.007	69	21	29.95	760.7	0	0.0	0					
	-12	-4	237	72	655	70100	18	9	-1	-.002	-3	-.005	69	21	29.95	760.7	0	0.0	0					
	0	0	238	73	665	70100	18	9	-1	-.002	.2	.003	69	21	29.95	760.7	0	0.0	0					
	-10	-3	250	79	3	342	50120	18	9	0.0	0.000	-1	-.002	69	21	29.95	760.7	160	406.4	0				
	-5	-2	280	82	655	70120	18	9	0.0	0.000	-5	-.009	69	21	29.95	760.7	0	0.0	0					
	-10	-3	258	79	3	665	50120	18	9	-1	-.002	0.0	0.000	69	21	29.95	760.7	162	411.5	0				
	-6	-3	289	82	4	655	50200	23	12	0.0	0.000	-5	-.009	69	21	29.95	760.7	161	408.9	0				
	-11	-3	226	69	2	641	50100	22	11	-1	-.002	-2	-.003	69	21	29.95	760.7	155	393.7	0				
	-16	-5	230	70	2	362	50100	23	12	0.0	0.000	-1.2	-.021	69	21	29.95	760.7	154	391.2	0				
	-16	-5	208	63	665	70100	22	11	.1	.002	.6	.010	67	19	29.94	760.5	0	0.0	0					
	-1	0	188	51	641	60200	22	11	.2	.003	-9	-.016	67	19	29.94	760.5	0	0.0	2					
	-13	-4	186	57	2	665	50200	21	11	0.0	0.000	.8	.014	67	19	29.94	760.5	163	414.0	0				
	-6	-3	191	58	2	641	50200	21	11	0.0	0.000	-1	-.002	67	19	29.94	760.5	163	414.0	0				
	-13	-4	278	85	325	60100	21	11	0.0	0.000	.9	.016	67	19	29.94	760.5	0	0.0	0					
	-15	-5	178	54	4	665	50100	21	11	.1	.002	-6	-.010	67	19	29.94	760.5	158	401.3	0				
	-6	-2	300	94	957	70120	21	11	.2	.003	-1	-.002	67	19	29.94	760.5	0	0.0	0					
	-15	-5	192	59	819	70200	21	11	.1	.002	.2	.003	67	19	29.94	760.5	0	0.0	0					
	-10	-3	252	77	358	70123	21	11	0.0	0.000	-5	-.009	67	19	29.94	760.5	0	0.0	0					
	-8	-2	149	45	819	70200	22	11	0.0	0.000	.8	.014	67	19	29.94	760.5	0	0.0	0					
	-6	-3	260	79	3	358	50200	22	11	.1	.002	.5	.009	67	19	29.94	760.5	161	408.9	2				
	-12	-4	193	59	2	655	50100	21	11	-1	-.002	1.5	.026	67	19	29.94	760.5	164	416.6	0				
	-13	-4	248	76	635	70100	21	11	-1	-.002	-4	-.007	67	19	29.94	760.5	0	0.0	0					
	-11	-3	267	81	307	70100	21	11	.1	.002	.4	.007	67	19	29.94	760.5	0	0.0	0					
	-6	-3	250	76	3	819	50200	21	11	.1	.002	.5	.009	67	19	29.94	760.5	158	401.3	0				
	-12	-4	224	68	2	307	50200	21	11	.1	.002	.1	.002	67	19	29.94	760.5	164	416.6	0				
	-14	-4	186	57	2	600	50200	21	11	0.0	0.000	-6	-.010	67	19	29.94	760.5	161	408.9	0				
	-8	-2	244	74	641	70200	22	11	.1	.002	1.9	.033	67	19	29.94	760.5	0	0.0	0					
	-5	-2	257	78	3	646	50120	21	11	0.0	0.000	1.4	.024	67	19	29.94	760.5	147	373.4	2				
	-10	-3	202	62	2	307	50200	21	11	-1	-.002	.7	.012	67	19	29.94	760.5	160	406.4	0				



LANDING DATA - MODEL T-2C						USS ENTERPRISE (CVN-65)						DAY LANDINGS																							
LNDG		OFF-CENTER		RAMP TO TD		WIRE SIDE		LNDG		FLAP		SHIP		DECK PITCH		DECK ROLL		TEMP		BAROMETRIC		ARR GEAR		REREAD											
NO.		DISTANCE		DISTANCE		NO.		TYPE		CODE		SPEED		DEG		RAD		F		C		IN HG		MM HG		IN		CM		RUNOUTS		NUMBER			
FT		M		M		FT		NO.		NO.		KN		M/S		DEG		RAD		DEG		F		C		IN HG		MM HG		IN		CM		REREAD	
62	82	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82														
2448	-14	-4	149	45	2	665	50200	21	11	0.0	0.000	0.0	0.000	0.0	0.000	67	19	29.94	760.5	166	421.6	0											0		
2450	-16	-5	168	51	2	600	50100	22	11	0.0	0.000	-6	-0.010	67	19	29.94	760.5	162	411.5	1													1		
2451	-11	-3	249	76	2	641	60100	21	11	0.0	0.000	.3	.005	67	19	29.94	760.5	162	411.5	0													0		
2452	-10	-3	237	72	2	367	60200	20	10	.1	.002	-6	-0.010	67	19	29.94	760.5	158	401.3	1													2		
2454	-10	-3	188	57	2	635	50120	20	10	.1	.002	-2	-0.003	67	19	29.94	760.5	164	416.6	2													1		
2455	-7	-2	211	64	2	358	50200	20	10	0.0	0.000	-1.3	-0.023	67	19	29.94	760.5	164	416.6	0													0		
2456	-4	-1	153	47	2	965	70200	21	11	0.0	0.000	.7	.012	67	19	29.94	760.5	0	0.0	2													2		
2457	-12	-4	234	71	2	641	50100	21	11	0.0	0.000	1.1	.019	67	19	29.94	760.5	162	411.5	0														2	
2458	-5	-2	265	81	3	981	50200	20	10	-2	-0.003	-9	-0.016	67	19	29.94	760.5	146	370.8	2														0	
2459	-17	-5	213	65	2	367	50200	20	10	.1	.002	-4	-0.007	67	19	29.94	760.5	163	414.0	2														2	
2460	-17	-5	219	67	2	655	70200	20	10	0.0	0.000	.8	.014	67	19	29.94	760.5	0	0.0	2														2	
2461	-12	-4	198	60	2	643	70100	20	10	.2	.003	0.0	0.000	67	19	29.94	760.5	0	0.0	2														2	
2462	-16	-5	174	53	3	342	70100	20	10	-1	-0.002	1.9	.033	67	19	29.94	760.5	0	0.0	2														2	
2463	-11	-3	316	96	2	993	70200	21	11	0.0	0.000	0.0	0.000	67	19	29.94	760.5	0	0.0	0														0	
2465	-20	-6	186	57	2	643	60100	22	11	-1	-0.002	.2	.003	67	19	29.94	760.5	0	0.0	2														2	
2466	-12	-4	225	69	2	342	70200	22	11	0.0	0.000	.8	.014	67	19	29.94	760.5	0	0.0	2														2	
2467	-22	-7	214	65	2	993	70100	22	11	-1	-0.002	-5	-0.009	67	19	29.94	760.5	0	0.0	2														2	
2468	-14	-4	242	74	2	655	70200	22	11	.1	.002	.1	.002	67	19	29.94	760.5	0	0.0	2														2	
2469	-11	-3	191	58	2	643	50200	22	11	0.0	0.000	-5	-0.009	67	19	29.94	760.5	167	424.2	1														1	
2470	-15	-5	232	71	3	342	50123	22	11	0.0	0.000	-7	-0.012	67	19	29.94	760.5	163	414.0	1														1	
2472	-15	-5	140	43	2	325	50200	22	11	0.0	0.000	.3	.005	67	19	29.94	760.5	167	424.2	2														2	
2473	-11	-3	173	53	2	655	50200	22	11	.1	.002	-5	-0.009	67	19	29.94	760.5	155	393.7	1														2	
2475	-15	-5	180	55	2	600	50200	22	11	0.0	0.000	.5	.009	67	19	29.94	760.5	165	419.1	2														2	
2476	-10	-3	265	81	3	321	70100	22	11	-1	-0.002	.1	.002	67	19	29.94	760.5	0	0.0	0														2	
2477	-20	-6	246	75	2	647	70100	22	11	0.0	0.000	.6	.010	67	19	29.94	760.5	0	0.0	2														2	
2478	-12	-4	187	57	2	666	70200	22	11	0.0	0.000	-4	-0.007	67	19	29.94	760.5	0	0.0	2														2	
2479	-22	-7	291	89	4	641	50100	22	11	0.0	0.000	-8	-0.014	67	19	29.94	760.5	165	419.1	1														1	
2480	-8	-2	235	72	2	321	70200	22	11	.1	.002	-5	-0.009	67	19	29.94	760.5	0	0.0	2														2	
2482	-24	-7	138	42	2	666	70120	23	12	0.0	0.000	.4	.007	70	21	29.97	761.2	0	0.0	2														2	
2483	-4	-1	268	82	2	321	80100	23	12	.1	.002	.6	.010	70	21	29.97	761.2	157	398.8	0														0	
2484	-20	-6	189	58	2	647	50120	23	12	0.0	0.000	0.0	0.000	70	21	29.97	761.2	164	416.6	2														2	
2485	-15	-5	188	57	2	606	50120	22	11	0.0	0.000	.1	.002	70	21	29.97	761.2	155	393.7	2														2	
2486	-10	-3	263	86	2	670	70100	22	11	0.0	0.000	.4	.007	70	21	29.97	761.2	0	0.0	1														1	
2487	-12	-4	254	77	2	961	70200	22	11	.1	.002	-8	-0.014	70	21	29.97	761.2	0	0.0	2														2	
2491	-12	-4	211	64	3	328	70100	22	11	0.0	0.000	.5	.009	70	21	29.97	761.2	0	0.0	2														2	
2492	-8	-2	268	82	2	643	50120	22	11	0.0	0.000	1.2	.021	70	21	29.97	761.2	160	406.4	2														2	
2493	-15	-5	235	72	2	342	80100	22	11	0.0	0.000	-1.2	-0.021	70	21	29.97	761.2	153	386.6	1														1	
2494	-14	-4	273	83	3	993	50100	22	11	.1	.002	-2	-0.003	70	21	29.97	761.2	145	368.3	1														1	
2496	-11	-3	297	83	2	328	50100	22	11	0.0	0.000	2.2	.038	70	21	29.97	761.2	157	398.8	1														1	
2497	-10	-3	242	74	3	655	50120	22	11	.1	.002	.9	.016	70	21	29.97	761.2	157	398.8	1														1	

## DAY LANDINGS

## USS ENTERPRISE (CWN-65)

## LANDING DATA - MODEL T-2C

LNCG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	LNCG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC	ARR	GEAR	RELEAD					
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	DEG	RAD	DEG	RAD	F	C	IN	HG	MM	HG	IN	CM	RUNOUTS	NUMBER
FT	M	FT	M				KN	M/S	DEG	RAD	DEG	RAD									
62	83	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	
2498	-7	-2	334	102		641	60120		22	11	-1.1	-0.002	-3	-0.005	70	21	29.97	761.2	0	0.0	1
2500	-8	-2	292	89	4	321	50100		22	11	.2	.003	.9	.016	70	21	29.97	761.2	151	383.5	0
2501	-4	-1	262	80	4	600	50200		22	11	0.0	0.000	.6	.010	70	21	29.97	761.2	160	406.4	1
2503	-8	-2	293	89	4	643	50120		22	11	.4	.007	.1	.002	70	21	29.97	761.2	160	406.4	1
2504	-13	-4	317	97	4	325	50120		22	11	.3	.005	.8	.014	70	21	29.97	761.2	160	426.7	0
2505	-9	-3	279	85	3	678	60100		22	11	.2	.003	.3	.005	70	21	29.97	761.2	153	388.6	0
2506	-18	-5	226	69	2	641	50100		22	11	.2	.003	-.4	-.007	70	21	29.97	761.2	159	403.9	1
2507	-15	-5	248	76	3	961	50100		22	11	.3	.005	-.6	-.010	70	21	29.97	761.2	159	403.9	2
2508	-10	-3	307	94	4	328	50100		22	11	.2	.003	.5	.009	70	21	29.97	761.2	165	419.1	1
2509	-5	-2	289	88	3	641	60200		22	11	-1.1	-0.002	.1	.002	70	21	29.97	761.2	152	386.1	1
2511	-9	-3	327	100		678	60123		22	11	.1	.002	0.0	0.000	70	21	29.97	761.2	0	0.0	1
2512	-13	-4	323	98		325	60100		22	11	.3	.005	-.6	-.010	70	21	29.97	761.2	0	0.0	1
2513	-19	-6	201	61	2	325	50100		22	11	0.0	0.000	-.1	-.002	70	21	29.97	761.2	152	386.1	1
2515	-11	-3	243	74	3	678	50200		22	11	.2	.003	-.2	-.003	70	21	29.97	761.2	151	383.5	0
2516	-8	-2	270	82	3	641	50200		22	11	.2	.003	0.0	0.000	70	21	29.97	761.2	150	381.0	1
2517	-13	-4	277	84		321	50100		22	11	.3	.005	-1.2	-.021	70	21	29.97	761.2	0	0.0	0
2518	-12	-4	262	80	3	961	50200		22	11	0.0	0.000	0.0	0.000	70	21	29.97	761.2	158	401.3	1
2519	-1	0	300	91		321	60120		22	11	.2	.003	.4	.007	70	21	29.97	761.2	0	0.0	0
2520	-13	-4	198	60	2	328	50120		26	13	0.0	0.000	-.1	-.002	70	21	29.97	761.2	158	401.3	1
2522	-9	-3	281	86	4	641	50100		26	13	.2	.003	.2	.003	70	21	29.97	761.2	158	401.3	0
2523	-8	-2	220	67	2	328	50200		26	13	0.0	0.000	.1	.002	70	21	29.97	761.2	157	398.8	1
2524	-4	-1	275	84	3	342	50200		26	13	.1	.002	.2	.003	70	21	29.97	761.2	150	381.0	0
2525	-8	-2	318	97	4	321	60120		26	13	.2	.003	-1.1	-.019	70	21	29.97	761.2	155	393.7	1
2526	-19	-6	202	62	2	961	50100		26	13	0.0	0.000	0.0	0.000	70	21	29.97	761.2	156	396.2	1
2527	-10	-3	272	83	3	678	50200		26	13	-2	-.003	-.7	-.012	70	21	29.97	761.2	156	396.2	1
2528	-14	-4	210	64	2	328	50100		26	13	.1	.002	-.2	-.003	70	21	29.97	761.2	149	378.5	1
2529	-14	-4	272	83	3	342	50100		26	13	0.0	0.000	.6	.010	70	21	29.97	761.2	156	396.2	1
2530	-14	-4	267	81		961	60100		26	13	-1.1	-0.002	-.5	-.009	70	21	29.97	761.2	0	0.0	1
2531	-14	-4	245	75	3	342	50100		26	13	.1	.002	.1	.002	70	21	29.97	761.2	155	393.7	0
2532	-10	-3	292	89		678	60200		26	13	0.0	0.000	-.8	-.014	70	21	29.97	761.2	0	0.0	1
2533	-9	-3	254	77	3	961	50100		26	13	-1.1	-0.002	.1	.002	70	21	29.97	761.2	155	393.7	1
2534	-9	-3	287	87	3	678	50100		26	13	0.0	0.000	.8	.014	70	21	29.97	761.2	157	398.8	1
2535	-16	-5	254	77	4	641	50100		26	13	0.0	0.000	-.9	-.016	70	21	29.97	761.2	163	414.0	1
2536	-8	-2	306	93		321	60100		26	13	0.0	0.000	-.5	-.009	70	21	29.97	761.2	0	0.0	1
2537	-7	-2	286	85	3	678	60100		26	13	0.0	0.000	.9	.016	70	21	29.97	761.2	152	386.1	1
2538	-15	-5	245	75	2	321	60100		26	13	0.0	0.000	-.5	-.009	70	21	29.97	761.2	152	386.1	0
2539	-8	-2	272	83	3	641	50120		26	13	.1	.002	2.2	.038	70	21	29.97	761.2	156	396.2	1
2540	-16	-5	175	53	2	608	50100		26	13	0.0	0.000	.5	.009	70	21	29.97	761.2	150	381.0	0
2541	-11	-3	254	77	3	321	50100		26	13	-3.3	-.005	.9	.016	70	21	29.97	761.2	149	378.5	2
2542	-11	-3	309	94	4	993	50100		26	13	0.0	0.000	-1.3	-.023	70	21	29.97	761.2	160	406.4	1

LANDING DATA - MODEL T-2C				USS ENTERPRISE (CVN-65)				DAY LANDINGS												
UNDC	OFF-CENTER	RAMP TO TD	WIRE SIDE	UNDC	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC	ARR GEAR	REREAD								
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	KN	M/S	DEG	RAD	DEG	RAD	F	C	IN HG	MM HG	IN	CM	RUNOUTS	NUMBER	
FT	M	FT	M																	
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
2543	-12	-4	291	89		643	60130	26	13	.2	.003	-1.4	-.007	70	21	29.97	761.2	0	0.0	1
2544	-12	-4	239	73	2	606	50100	26	13	0.0	0.000	.1	-.002	70	21	29.97	761.2	157	398.8	1
2545	-14	-4	213	65	2	643	50200	26	13	0.0	0.000	-.2	-.003	70	21	29.97	761.2	162	411.5	0
2546	-9	-3	255	78	2	647	50100	24	12	-1.1	-.002	1.3	-.023	70	21	29.97	761.2	160	406.4	0
2547	-6	-2	315	96		606	60100	24	12	0.0	0.000	0.0	0.000	70	21	29.97	761.2	0	0.0	1
2548	-8	-2	277	84	3	321	80200	24	12	0.0	0.000	.6	.010	70	21	29.97	761.2	152	386.1	2
2549	-12	-4	238	73	2	655	60100	24	12	.1	-.002	1.7	.030	70	21	29.97	761.2	147	373.4	2
2550	-12	-4	193	59	2	606	50200	24	12	0.0	0.000	-.2	-.003	70	21	29.97	761.2	160	406.4	1
2551	-10	-6	198	60	2	993	50100	24	12	0.0	0.000	-2.6	-.045	70	21	29.97	761.2	162	411.5	2
2552	-10	-3	235	72	2	321	50200	24	12	0.0	0.000	-.5	-.009	70	21	29.97	761.2	151	383.5	0
2553	-13	-4	282	86	3	993	50120	24	12	.2	.003	.8	.014	70	21	29.97	761.2	145	368.3	0
2554	-15	-5	300	91		307	70100	24	12	-1.1	-.002	-.2	-.003	70	21	29.97	761.2	0	0.0	1
2555	-10	-3	292	89		307	60130	24	12	.1	-.002	-.7	-.012	70	21	29.97	761.2	0	0.0	2
2557	-9	-3	257	70		655	60200	28	14	0.0	0.000	3.6	.063	71	22	29.97	761.2	0	0.0	1
2558	-12	-4	260	79		655	70200	28	14	.2	.003	-.1	-.002	71	22	29.97	761.2	0	0.0	0
2559	-10	-3	295	90		665	70120	28	14	.2	.003	.3	.005	71	22	29.97	761.2	0	0.0	0
2560	-10	-3	268	82	3	655	50120	28	14	.1	-.002	-1.3	-.023	71	22	29.97	761.2	135	342.9	1
2561	-12	-4	267	81		325	70200	28	14	0.0	0.000	.3	.005	71	22	29.97	761.2	0	0.0	1
2562	-13	-4	226	69	2	665	50120	28	14	0.0	0.000	-.7	-.012	71	22	29.97	761.2	140	355.8	1
2564	-13	-4	273	83	3	325	50120	29	15	0.0	0.000	-.5	-.009	71	22	29.97	761.2	158	401.3	2
2565	-12	-4	229	70	2	655	50200	28	14	.3	.005	1.7	.030	71	22	29.97	761.2	148	375.9	1
2566	-17	-5	248	76	2	665	50200	28	14	.1	-.002	1.1	.019	71	22	29.97	761.2	148	375.9	0
2567	-13	-4	279	85	3	307	80200	28	14	.1	-.002	.2	.003	71	22	29.97	761.2	155	393.7	2
2568	-12	-4	246	75	2	655	50200	28	14	.1	-.002	-.8	-.014	71	22	29.97	761.2	144	365.8	1
2570	-13	-4	307	94		600	70200	28	14	.3	.005	-1.4	-.024	71	22	29.97	761.2	0	0.0	0
2571	0	0	255	78	2	6	50120	28	14	0.0	0.000	-1.1	-.019	71	22	29.97	761.2	134	340.4	0
2572	-11	-3	267	81	3	600	50120	28	14	.1	-.002	1.7	.030	71	22	29.97	761.2	156	396.2	0
2573	-10	-3	285	87		655	60120	28	14	0.0	0.000	-1.6	-.028	71	22	29.97	761.2	0	0.0	1
2574	-11	-3	203	62	2	647	50100	28	14	-1.1	-.002	-1.1	-.019	71	22	29.97	761.2	154	391.2	0
2575	-14	-4	239	73	2	655	50100	28	14	-1.1	-.002	-.1	-.002	71	22	29.97	761.2	143	363.2	0
2576	-8	-2	320	98	4	643	50120	28	14	-1.1	-.002	0.0	0.000	71	22	29.97	761.2	154	391.2	0
2577	-9	-3	247	75	2	325	50100	28	14	-2.2	-.003	-.4	-.007	71	22	29.97	761.2	147	373.4	0
2578	-11	-3	236	73	3	665	50100	28	14					71	22	29.97	761.2	138	350.5	0
2579	-11	-3	247	75	3	655	50200	28	14	.3	.005	-.8	-.014	71	22	29.97	761.2	126	320.0	1
2580	-12	-4	293	89	4	307	50200	28	14	-1.1	-.002	-.1	-.002	71	22	29.97	761.2	143	363.2	0
2581	-15	-5	275	84	4	600	50200	28	14	-1.1	-.002	.1	-.002	71	22	29.97	761.2	164	416.6	0
2582	-13	-4	218	66	2	647	50100	25	13	-1.1	-.002	-.2	-.003	71	22	29.97	761.2	157	398.8	0
2583	-11	-3	264	80	3	325	50120	26	13	0.0	0.000	-.8	-.014	71	22	29.97	761.2	159	403.9	0
2584	-11	-3	303	92	4	600	50120	26	13	0.0	0.000	-.9	-.016	71	22	29.97	761.2	165	419.1	0
2585	-7	-2	289	88	4	325	50120	26	13	-1.1	-.002	.3	.005	71	22	29.97	761.2	150	381.0	1

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA -- MODEL T-2C

LNDC NO.	OFF-CENTER	RAMP TO TD	WIRE SIDE	LNDC	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC	ARR GEAR	REREAD								
	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED			PRESSURE	RUNOUTS	NUMBER								
	FT	M	FT	M			KN	M/S	DEG	RAD	DEG	RAD	F	C	IN HG	MM HG	IN	CM		
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
2566	-13	-4	275	84	4	600	50120	26	13	-1	-.002	-.3	-.005	71	22	29.97	761.2	159	403.9	0
2567	-11	-3	276	84	4	367	50120	25	13	0.0	0.000	-.4	-.007	71	22	29.97	761.2	155	393.7	0
2568	-13	-4	266	63	4	647	50200	25	13	0.0	0.000	.7	.012	71	22	29.97	761.2	164	416.6	0
2569	-10	-3	275	84	3	635	50120	25	13	0.0	0.000	.8	.014	71	22	29.97	761.2	0	0.0	2
2590	-10	-3	247	75	3	635	50120	26	13	-2	-.003	-.1	-.002	71	22	29.97	761.2	140	355.6	0
2591	-17	-5	246	75	3	367	50100	26	13	-3	-.005	-.7	-.012	71	22	29.97	761.2	154	391.2	1
2592	-13	-4	232	71	2	647	50100	26	13	.1	-.002	-.2	-.038	71	22	29.97	761.2	163	414.0	0
2593	-14	-4	243	74	2	635	50100	27	14	-1	-.002	.1	.002	71	22	29.97	761.2	149	378.5	0
4044	-4	-1	218	66	4	367	50200	26	13	.3	.005	-.7	-.012	71	22	29.97	761.2	150	381.0	0
4063	-8	-2	273	83		670	70200	10	5	-2	-.003	2.3	.040	73	23	29.99	761.7	0	0.0	2
4177	-4	-1	320	98		665	70200	9	5	-1	-.002	.1	.002	73	23	29.99	761.7	0	0.0	0
4313	-17	-5	179	55	2	655	70120	20	10	.1	-.002	.6	.010	67	19	30.01	762.3	0	0.0	0
4331	3	1	317	97		855	50200	22	11	0.0	0.000	-.6	-.010	66	19	29.97	761.2	165	419.1	0
4336	-7	-2	212	65	2	321	60100	21	11	.1	-.002	.6	.010	69	21	29.96	761.0	0	0.0	0
4435	-14	-4	222	68		641	50100	20	10	0.0	0.000	-.7	-.012	69	21	29.96	761.0	160	406.4	0
4765	-14	-4	275	84	3	367	70200	21	11	0.0	0.000	-.1	-.002	67	19	29.94	760.5	0	0.0	2
4953	-7	-2	273	83		957	50100	3	2	-7	-.012	.2	.003	67	19	29.95	760.7	158	401.3	0
						367	70100	13	7	-1	-.002	0.0	0.000	67	19	30.02	762.5	0	0.0	1

**TA-4F DAY**

LNOG	SU	VPAF	45	V-WIND		USS ENTERPRISE (C		LANDING DATA - MODEL TA-4F		USS ENTERPRISE (CVN-65)		DAY LANDINGS				WEIGHT			
				VE-FTLM	WIND-VEL		VEOR	VPAMIN	VSP-A	KVPA	KV	LIFT	LIFT	FF	LBS	KG			
					KN	M/S											KN	M/S	KN
NO.	TD	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	MIN	SP-A	TD	FF		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
246	136	70	111	57	25	13	4	2	120	62	126	65			1.08		1.00		13400
247	135	69	110	57	25	13	4	2	110	57	126	65			1.07		1.10		13400
248	136	70	111	57	25	13	4	2	119	61	126	65			1.08		1.10		13400
249	146	75	121	62	25	13	4	2	115	59	125	64			1.16		.90	.80	13300
250	133	68	108	56	25	13	4	2	109	56	125	64			1.07		1.00		13200
252	141	73	111	57	30	15	5	3	120	62	125	64			1.13		1.10		13200
254	139	72	109	56	30	15	5	3	110	57	126	65			1.10		1.10		13500
255	142	73	112	58	30	15	5	3	112	58	128	66			1.15		.90	1.00	14000
256	136	70	106	55	30	15	5	3	99	51	126	66			1.06		1.00		13900
257	135	69	110	57	25	13	4	2	105	54	130	67			1.04		1.20	1.10	14300
258	136	70	111	57	25	13	4	2	111	57	130	67			1.04		1.00	1.00	14300
260	133	68	108	56	25	13	4	2	98	50							1.10		
262	142	73	117	60	25	13	4	2	117	60	126	65			1.12		1.10	1.20	13500
272	137	70	109	56	28	14	10	5	101	52	124	64			1.11		1.30		13100
273	133	68	105	54	28	14	10	5	95	49							1.00		
274	128	66	100	51	28	14	10	5	93	48	125	64			1.02		1.10		13300
275	130	67	102	52	28	14	10	5	94	48	126	65			1.03		1.00		13500
276	126	65	98	50	28	14	10	5	95	49	126	65			1.00		1.10		13500
277	135	69	107	55	28	14	10	5	121	62	129	66			1.05		1.20		14100
278	137	70	109	56	28	14	10	5	119	61	129	66			1.06		1.20	1.10	14100
279	140	72	112	58	28	14	10	5	106	55	129	66			1.09		1.10	1.10	14100
280	138	71	108	56	30	15	5	3	111	57	126	65			1.00		1.00		13500
281	156	80	126	65	30	15	5	3	113	58	128	66			1.21		1.10		14000
283	147	76	117	60	30	15	5	3	100	52	128	66			1.14		.80		14000
284	152	78	122	63	30	15	5	3	119	61	128	66			1.19		1.10		13900
286	147	76	117	60	30	15	5	3	108	56	126	65			1.17		1.10		13500
287	136	71	108	56	30	15	5	3	114	59	130	67			1.06		.90		14300
288	144	74	114	59	30	15	5	3	108	56	126	65			1.14		1.00		13500
289	143	74	113	58	30	15	5	3	103	53	126	65			1.14		1.20		13400
290	139	72	109	56	30	15	5	3	93	48	126	65			1.10		1.00		13500
293	146	75	119	61	27	14	1	1	107	55	126	66			1.14		1.10		13900
294	137	70	110	57	27	14	1	1	103	53	130	67			1.05		1.00		14300
295	139	72	112	58	27	14	1	1	109	56	130	67			1.07		1.10		14300
296	143	74	116	60	27	14	1	1	110	57	129	66			1.11		1.00	1.00	14100
297	138	71	111	57	27	14	1	1	108	56	130	67			1.06		1.00		14300
298	137	70	110	57	27	14	1	1	112	58	125	64			1.10		.90	1.00	13300
299	135	69	108	56	27	14	1	1	123	63	129	66			1.04		1.00		14100
300	153	79	126	65	27	14	1	1	127	65	128	66			1.20		1.10		13900
301	143	74	116	60	27	14	1	1	129	66	128	66			1.12		1.20		13900
302	136	70	109	56	27	14	1	1	100	51	128	66			1.07		1.10		13900

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS				
LNOG	VPAF	VE-FILM		WIND-VEL				VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT	LIFT	WEIGHT								
		KN	M/S	KN	M/S	KN	M/S		KN	M/S						LBS	KG							
NO.	TD	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	MIN	SP' A	TD	FF									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21				
343	141	73	114	59	27	14	1	1	107	55	127	65			1.11		1.10	13700	6214					
344	141	73	114	59	27	14	1	1	106	56	130	67			1.00		1.00	14300	6486					
346	150	77	125	64	25	13	1	1	100	56	129	66			1.16		1.10	14100	6396					
347	146	75	119	61	27	14	2	1	109	97	129	66			1.13		1.10	14100	6396					
348	146	72	113	58	27	14	2	1	102	52	129	66			1.08		.90	14100	6396					
310	157	81	130	67	27	14	2	1	124	64	124	64			1.26		1.30	13100	5942					
312	134	68	119	61	15	8	1	1			125	64			1.07		1.30	13300	6033					
313	152	78	125	64	27	14	2	1	122	63	126	65			1.20		1.20	13500	6124					
314	129	66	102	52	27	14	2	1	86	44	129	66			1.00		.90	14100	6396					
316	137	70	110	57	27	14	2	1	93	48	126	65			1.00		1.00	13500	6124					
317	135	69	107	55	28	14	2	1	113	58	128	66			1.06		1.20	13900	6305					
320	151	78	123	63	28	14	2	1	118	61	124	64			1.22		1.00	13100	5942					
322	156	80	128	66	28	14	2	1	125	64	130	67			1.20		1.20	14300	6486					
324	149	77	121	62	28	14	2	1	129	66	129	66			1.15		1.00	14100	6396					
326	144	74	118	61	26	13	2	1	110	57	130	67			1.11		1.10	14300	6486					
328	138	71	112	58	26	13	2	1	107	55	124	64			1.11		1.00	13100	5942					
330	146	75	120	62	26	13	2	1	112	58	129	66			1.13		1.10	14100	6396					
333	153	79	125	64	28	14	2	1	125	64					.90		.90							
334	148	76	120	62	28	14	2	1	128	66					1.10	1.20	1.10	14100	6396					
336	141	73	113	58	28	14	2	1	117	60	128	66			1.10		1.20	13900	6305					
338	136	70	106	56	28	14	2	1	102	52	128	66			1.07		1.00	13900	6305					
344	142	73	112	58	30	15	3	2	98	50	128	66			1.10		1.00	14100	6396					
345	146	75	116	60	30	15	3	2	126	65	126	65			1.16		1.10	13500	6124					
346	144	74	114	59	30	15	3	2	104	53					1.10		1.10	14100	6396					
348	137	70	112	58	25	13	4	2	106	56	129	66			1.06		1.20	14100	6396					
350	132	68	107	55	25	13	4	2	105	54	126	65			1.05		1.00	13500	6124					
351	150	77	125	64	25	13	4	2	118	61	130	67			1.15		1.20	14300	6486					
352	139	72	114	59	25	13	4	2	117	60	130	67			1.07		1.00	14300	6486					
353	141	73	116	60	25	13	4	2	118	61	130	67			1.08		1.10	14300	6486					
354	143	74	118	61	25	13	4	2	116	60	130	67			1.10		1.10	14300	6486					
356	148	76	123	63	25	13	4	2	119	61	128	66			1.16		1.10	13900	6305					
358	140	72	115	59	25	13	4	2	106	55	128	66			1.09		1.00	13900	6305					
470	139	72	109	56	30	15	5	3	115	59	130	67			1.07		1.10	14300	6486					
472	143	74	113	58	30	15	5	3	115	59	130	67			1.10		1.10	14300	6486					
474	142	73	112	58	30	15	5	3	128	66	130	67			1.10		1.10	14300	6486					
476	135	69	106	56	27	14	10	5	114	59	130	67			1.04		1.00	14300	6486					
477	141	73	114	59	27	14	10	5	101	52	128	66			1.10		1.10	14000	6350					
478	138	71	111	57	27	14	10	5	107	55					1.07		1.20	14200	6441					
479	138	71	111	57	27	14	10	5	107	55					1.00		1.00							
480	136	70	109	56	27	14	10	5	106	55	128	66			1.07		1.00	13800	6260					

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)							DAY LANDINGS				
LNO	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP-A	KVPA	KV	LIFT	LIFT	WEIGHT							
		TD	NO.	M/S	KN		M/S	KN							M/S	KN	M/S	KN	M/S	KN	M/S
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
482	148	75	119	61	27	14	10	5	113	58	129	66			1.13		1.20		14200	6441	
484	134	69	107	55	27	14	10	5	112	58	130	67			1.03		1.00		14300	6486	
485	139	72	110	57	28	15	8	4	109	56	130	67			1.07		1.20		14300	6486	
487	132	68	103	53	28	15	8	4			129	66			1.02		1.10	1.10	14100	6396	
488	141	73	112	58	28	15	8	4	104	53	130	67			1.09		1.00		14300	6486	
490	145	75	116	60	28	15	8	4			130	67			1.12		1.10		14300	6486	
494	143	74	114	59	28	15	8	4	122	63	130	67			1.10		1.10		14300	6486	
495	135	69	106	55	28	15	8	4	110	57	128	66			1.05		1.00	1.00	13900	6395	
497	141	73	112	58	28	15	8	4	118	61	127	65			1.11		1.10	1.10	13700	6214	
498	135	69	106	55	28	15	8	4	96	49	128	66			1.05		1.00		14000	6350	
499	139	72	110	57	28	15	8	4	119	61	129	66			1.07		1.10		14100	6396	
500	146	75	117	60	28	15	8	4	100	56	130	67			1.13		1.20	1.20	14300	6486	
501	131	67	102	52	28	15	8	4			130	67			1.01		1.10		14300	6486	
502	142	73	113	58	28	15	8	4	118	61	130	67			1.10		1.00		14300	6486	
503	145	75	116	60	28	15	8	4	115	59	129	66			1.13		1.20	1.20	14100	6396	
504	133	68	104	53	28	15	8	4	113	58	129	66			1.03		1.00	1.10	14100	6396	
505	142	73	113	58	28	15	8	4	116	60	130	67			1.09		1.20		14300	6486	
506	148	78	119	61	28	15	8	4	119	61	130	67			1.14		1.10		14300	6486	
507	146	75	117	60	28	15	8	4	111	57	129	66			1.13		1.10	1.10	14200	6441	
508	144	74	115	59	28	15	8	4	115	59	129	66			1.11		1.10	1.10	14100	6396	
509	139	72	110	57	28	15	8	4	102	52	127	65			1.09		1.10	1.10	13700	6214	
511	138	72	110	57	28	15	8	4	110	57	130	67			1.07		1.20		14300	6486	
512	134	69	105	54	28	15	8	4	95	49	130	67			1.03		1.30	1.10	14300	6486	
513	145	75	116	60	28	15	8	4	115	59	128	66			1.13		1.20		14000	6350	
514	150	77	121	62	28	15	8	4	111	57	130	67			1.15		1.10		14300	6486	
515	124	64	95	48	28	15	8	4	107	55	128	66			.97		1.00		14000	6350	
516	134	69	105	54	28	15	8	4	101	52	129	66			1.04		1.10		14100	6396	
517	138	71	109	56	28	15	8	4	110	57	128	66			1.08		1.20		14000	6350	
518	138	71	107	55	31	16	8	4	115	59	130	67			1.06		1.00		14300	6486	
519	142	73	111	57	31	16	8	4	102	52	124	64			1.14		1.20		13100	5942	
520	150	77	119	61	31	16	8	4	126	65	126	65			1.19		1.10		13500	6124	
521	136	71	107	55	31	16	8	4	104	53	127	65			1.09		1.10	1.10	13700	6214	
522	151	78	120	62	31	16	8	4	114	59	129	66			1.16		1.30		14200	6441	
523	143	74	108	56	35	18	3	2	98	50	128	66			1.09		1.10		14500	6577	
524	143	74	108	56	35	18	3	2	98	50	128	66			1.11		1.10		13900	6365	
525	137	70	102	52	35	18	3	2	100	51	130	67			1.06		1.00		14300	6486	
526	152	78	117	60	35	18	3	2	117	60	127	65			1.19		1.10		13700	6214	
527	162	83	127	65	35	18	3	2	107	55	130	67			1.25		1.00		14300	6486	
528	140	72	105	54	35	18	3	2	99	51	130	67			1.08		1.00		14300	6486	
530	130	71	103	53	35	18	3	2	112	58	130	67			1.06		1.00		14300	6486	



## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

LNDG NO.	VPAF		VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP-A		KVPA	KV	LIFT		LIFT	LBS	KG		
	KN	M/S	KN	M/S	KN	M/S		KN	M/S	KN	M/S			MIN	SP' A				TD	FF
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
531	140	72	165	54	35	18	3	2	116	60	130	67			1.07		1.00		14300	6486
532	140	72	165	54	35	18	3	2	106	55	132	68			1.06		.90		14700	6668
533	152	76	117	60	35	18	3	2	106	55	129	66			1.18		1.00		14200	6441
535	136	76	104	53	32	16	3	2	108	56	129	66			1.05		1.10	1.20	14200	6441
536	135	66	163	53	32	16	3	2	114	59	128	66			1.05		1.00		14000	6350
538	137	76	165	54	32	16	3	2	104	53	126	65			1.09		1.10	1.10	13500	6124
539	144	74	112	58	32	16	3	2	115	59	128	66			1.12		1.20		14000	6350
540	129	66	97	50	32	16	3	2	102	52	128	66			1.01		1.10		13000	6305
543	152	78	120	62	32	16	3	2	126	65	130	67			1.17		1.10		14300	6486
544	140	72	166	56	32	16	3	2	108	56	130	67			1.07		1.20		14300	6486
545	143	74	111	57	32	16	3	2	92	47	129	66			1.10		1.10		14200	6441
546	145	75	113	58	32	16	3	2	113	58	130	67			1.12		1.10		14300	6486
547	135	68	103	53	32	16	3	2	92	47	130	67			1.04		1.10		14400	6532
548	145	75	113	58	32	16	3	2	101	52	130	67			1.12		1.10		14300	6486
549	124	64	92	47	32	16	3	2	100	51	130	67			.96		1.00		14300	6486
550	136	71	106	55	32	16	3	2	116	60	130	67			1.06		1.00	1.10	14300	6486
551	144	74	112	58	32	16	3	2	102	52	128	66			1.13		1.10		13900	6305
552	136	76	104	53	32	16	3	2	92	47	129	66			1.05		.90	.90	14100	6396
553	147	76	115	59	32	16	3	2	124	64	130	67			1.13		1.00		14300	6486
554	146	75	114	59	32	16	3	2	113	58	130	67			1.12		1.10	1.10	14300	6486
556	128	66	98	50	30	15	3	2	88	45	128	66			1.00		1.00		14000	6350
558	125	64	95	49	30	15	3	2	96	49	129	66			.97		1.10		14200	6441
560	145	75	115	59	30	15	3	2	125	64	130	67			1.12		1.00	1.10	14300	6486
563	118	57	80	41	30	15	3	2	109	56	130	67			.84		1.20		14300	6486
564	140	72	110	57	30	15	3	2	123	63	130	67			1.08		1.00		14300	6486
565	153	78	123	63	30	15	3	2	106	55	130	67			1.18		1.10	1.10	14300	6486
567	145	75	114	59	31	16	0	0	106	55	130	67			1.12		1.20		14300	6486
568	147	76	116	60	31	16	0	0	109	56	128	66			1.14		1.10	1.20	14000	6350
569	144	74	113	58	31	16	0	0	173	89	130	67			1.11		1.10		14300	6486
570	141	73	109	56	32	16	1	1	114	59	130	67			1.09		1.10	1.20	14300	6486
572	150	77	119	61	31	16	1	1	129	66	130	67			1.15		1.00		14300	6486
573	150	77	119	61	31	16	1	1	125	64	129	66			1.16		1.10		14100	6396
576	134	68	103	53	31	16	1	1	113	58	129	66			1.04		1.10	1.10	14200	6441
577	136	71	107	55	31	16	1	1	99	51	129	66			1.07		1.00	1.10	14100	6396
579	144	74	113	58	31	16	1	1	121	62	130	67			1.11		1.20		14300	6486
580	134	69	103	53	31	16	1	1	130	67	129	66			1.04		1.10	1.10	14100	6396
582	152	78	121	62	31	16	1	1	130	67	129	66			1.18		1.10		14100	6396
583	150	77	119	61	31	16	1	1	128	66	128	66			1.18		1.00		13000	6260
585	140	72	109	56	31	16	1	1	118	61	128	66			1.10		1.00	.90	13900	6305
586	143	74	112	58	31	16	1	1	124	64	126	65			1.13		1.10		13500	6124

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS				
LN06 NO.	VPAF TD	VE-FLTM		WIND-VEL		PAR.		PERP.	VEOR	VPAMIN		VSP-A		KVPA	KV	LIFT TD	LIFT FF	LBS	KG					
		KN	M/S	KN	M/S	KN	M/S			KN	M/S	KN	M/S							KN	M/S			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21				
587	146	75	115	59	31	16	1	1	113	58	126	66			1.14		1.10	1.20	13000	6260				
588	152	78	121	62	31	16	1	1	114	59	130	67			1.17		1.10	1.00	14300	6486				
589	148	76	117	60	31	16	1	1	112	58	130	67			1.14		1.10	1.10	14300	6486				
591	142	73	111	57	31	16	1	1	116	60	130	67			1.09		1.00		14300	6486				
592	140	72	109	56	31	16	1	1	106	55	130	67			1.08		1.30		14300	6486				
737	142	73	114	59	28	14	2	1	108	56	130	67			1.09		1.10		14400	6532				
738	137	70	109	56	28	14	2	1	107	55	130	67			1.05		1.10		14300	6486				
740	144	74	116	60	28	14	2	1	116	60	130	67			1.11		1.20		14300	6486				
742	137	70	109	56	28	14	2	1	100	51	128	66			1.07		1.10		14000	6350				
743	135	69	107	55	28	14	2	1	105	54	129	66			1.04		1.00		14200	6441				
744	146	75	118	61	28	14	5	3	112	58	129	66			1.13		1.20		14100	6398				
746	129	66	101	52	28	14	2	1	110	57	126	65			1.03		1.00		13400	6078				
747	140	72	112	58	28	14	2	1	109	56	130	67			1.08		1.10		14300	6486				
749	144	74	114	59	30	15	5	3	120	66	130	67			1.11		1.10		14300	6486				
750	140	72	110	57	30	15	5	3	110	57	130	67			1.08		1.10	1.10	14300	6486				
751	148	75	116	60	30	15	5	3	113	58	129	66			1.13		1.10	1.10	14100	6398				
752	147	76	117	60	30	15	5	3	108	56	130	67			1.13		1.20		14300	6486				
753	144	74	114	59	30	15	5	3	114	59	130	67			1.11		1.00	1.00	14300	6486				
755	136	70	106	55	30	15	5	3	98	50	130	67			1.05		.90		14300	6486				
756	144	74	114	59	30	15	5	3	115	59	129	66			1.11		.90		14200	6441				
757	134	69	109	56	25	13	4	2	103	53	128	66			1.04		1.10		14000	6350				
758	143	74	118	61	25	13	4	2	134	60	127	65			1.12		1.10		13700	6214				
759	142	73	117	60	25	13	4	2	116	60	126	65			1.13		.90		13400	6078				
760	133	68	108	56	25	13	4	2	107	55	127	65			1.04		1.10	1.10	13700	6214				
762	137	70	112	58	25	13	4	2	115	59	130	67			1.05		1.00		14300	6486				
763	138	71	113	58	25	13	4	2	109	56	128	66			1.08		1.10		13800	6260				
764	136	70	111	57	25	13	4	2	103	53	130	67			1.05		1.10		14300	6486				
765	133	68	108	56	25	13	4	2	108	56	130	67			1.02		1.00		14300	6486				
766	133	68	108	56	25	13	4	2	101	52	130	67			1.08		1.10	1.00	14300	6486				
767	139	72	114	59	25	13	4	2	122	63	129	66			1.08		1.10	1.00	14100	6398				
768	131	67	106	55	25	13	4	2	117	60	126	65			1.04		1.10		13400	6078				
769	137	70	112	58	25	13	4	2	99	51	130	67			1.05		1.00		14300	6486				
770	138	71	113	58	25	13	4	2	123	63	128	66			1.08		1.10	1.20	14300	6486				
771	137	70	112	58	25	13	4	2	113	58	130	67			1.06		1.10	1.20	14300	6486				
774	135	69	110	57	25	13	4	2	90	46	130	67			1.04		1.20		14300	6486				
777	148	76	118	61	30	15	5	3	107	55	130	67			1.14		1.10		14300	6486				
778	145	75	115	59	30	15	5	3	124	64	128	66			1.13		1.00	.90	13900	6395				
779	141	73	111	57	30	15	5	3	114	59	128	66			1.11		1.20		13800	6260				
780	155	80	125	64	30	15	5	3	117	60	130	67			1.19		1.30		14300	6486				
781	140	72	110	57	30	15	5	3	110	57	128	66			1.09		1.00		14000	6350				

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

UNDO NO.	VPAF TD	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT		LIFT	FF	LBS	KG			
		KN	M/S	KN	M/S		KN	M/S				KN	M/S					TD	FF	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
783	137	70	107	55	30	15	5	3	107	55	127	65			1.07		1.00	1.00	13700	6214
784	146	75	116	60	30	15	5	3	124	64	127	65			1.15		1.20		13700	6214
786	146	72	116	57	30	15	5	3	104	53	126	65			1.11		1.00	1.10	13500	6124
788	135	68	105	54	30	15	5	3	93	48	130	67			1.04		1.10		14300	6486
792	141	73	111	57	30	15	5	3	117	60	128	66			1.10		1.10		14000	6350
793	148	76	118	61	30	15	5	3	125	64	128	66			1.16		1.00		13000	6260
794	153	79	123	63	30	15	5	3	117	60	130	67			1.18		1.10		14400	6532
795	145	75	116	60	29	15	5	3	110	57	130	67			1.11		1.20		14300	6486
796	147	76	118	61	29	15	5	3	109	56	130	67			1.13		1.10		14300	6486
797	143	74	114	59	29	15	5	3	100	51	130	67			1.10		1.10		14300	6486
798	142	73	113	58	29	15	5	3	106	55	130	67			1.10		1.10		14300	6486
799	133	68	104	53	29	15	5	3	104	53	129	66			1.03		1.10		14100	6396
800	144	74	115	59	29	15	5	3	117	60	129	66			1.12		1.10		14200	6441
801	137	70	106	56	29	15	5	3	111	57	129	66			1.06		1.00		14200	6441
802	136	70	107	55	29	15	5	3	121	62	128	66			1.06		1.20		14000	6350
803	147	76	118	61	29	15	5	3	120	60	130	67			1.13		1.10		14300	6486
804	144	74	115	59	29	15	5	3	120	62	128	66			1.12		1.20	1.10	14000	6350
806	147	76	118	61	29	15	5	3	124	64	130	67			1.13		1.10		14300	6486
808	143	74	114	59	29	15	5	3	115	59	129	66			1.11		1.00	1.10	14100	6396
809	145	75	116	60	29	15	5	3	122	63	130	67			1.11		1.10		14300	6486
810	146	75	117	60	29	15	5	3	106	55	130	67			1.13		1.00		14300	6486
811	145	75	116	60	29	15	5	3	110	57	129	66			1.12		1.10		14200	6441
812	155	80	126	65	29	15	5	3	110	57	130	67			1.19		1.10	1.10	14300	6486
813	146	75	117	60	29	15	5	3	102	52	126	65			1.16		1.20		13500	6124
815	148	77	120	62	29	15	5	3	114	59	130	67			1.15		1.00		14300	6486
816	156	80	127	65	29	15	5	3	129	66	128	66			1.22		1.00		13000	6305
818	143	74	114	59	29	15	5	3	103	53	130	67			1.10		1.10	1.10	14300	6486
819	142	73	113	58	29	15	5	3	113	58	127	65			1.12		1.20		13700	6214
820	147	76	118	61	29	15	5	3	123	63	125	64			1.18		1.20		13300	6033
821	145	75	115	59	30	15	5	3	112	58	126	65			1.15		1.10		13500	6124
822	146	75	116	60	30	15	5	3	110	57	126	65			1.16		1.10		13500	6124
823	134	69	104	53	30	15	5	3	97	50	129	66			1.04		1.20		14100	6396
824	152	78	122	63	30	15	5	3	121	62	129	66			1.17		1.10	1.00	14200	6441
825	145	75	115	59	30	15	5	3	108	56	130	67			1.11		1.10		14300	6486
826	156	80	126	65	30	15	5	3	121	62	125	64			1.24		1.10		13300	6033
828	145	75	115	59	30	15	5	3	122	63	130	67			1.11		1.00	1.00	14300	6486
829	146	75	116	60	30	15	5	3	116	60	126	65			1.16		1.10		13500	6124
830	143	74	113	58	30	15	5	3	115	59	129	66			1.11		1.10		14100	6396
831	150	77	120	62	30	15	5	3	105	54	130	67			1.15		1.20		14400	6532
832	152	78	122	63	30	15	5	3	129	66	129	66			1.18		1.20		14200	6441

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)					DAY LANDINGS					
LOG NO.	VPAF TD	VE-FILM		WIND-VEL		PAR.	PERP.	VEOR	VPAMIN	VSP'A	KVPA	KV	LIFT TD	LIFT FF	WEIGHT LBS	KG				
		KN	M/S	KN	M/S												KN	M/S	KN	M/S
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
833	138	71	106	56	30	15	5	3	110	57	128	66			1.00		1.00		13900	6305
834	155	80	125	64	30	15	5	3	130	67	130	67			1.19		1.20		14300	6486
839	144	74	116	60	28	14	5	3	119	61	124	64			1.16		1.10	1.00	13100	5942
840	130	72	111	57	28	14	5	3	100	56	127	65			1.09		1.00	1.00	13700	6214
841	136	70	100	56	28	14	5	3	111	57	127	65			1.07		1.00		13700	6214
842	136	70	100	55	30	15	5	3	114	59	130	67			1.05		1.10		14300	6486
843	136	70	100	55	30	15	5	3	104	53	130	67			1.05		1.10		14300	6486
844	133	68	103	53	30	15	5	3	111	57	130	67			1.02		1.10		14300	6486
845	140	72	110	57	30	15	5	3	110	57	130	67			1.08		1.10		14300	6486
847	145	75	115	59	30	15	3	2	102	52	129	66			1.12		1.10		14200	6441
843	142	73	112	58	30	15	3	2	119	61	130	67			1.10		1.00		14300	6486
849	132	66	102	52	30	15	3	2	100	56	129	66			1.02		1.10		14200	6441
851	148	76	116	60	32	16	3	2	107	55	130	67			1.14		1.20		14300	6486
852	146	75	114	59	32	16	3	2	122	63	130	67			1.12		1.10		14300	6486
853	141	73	100	56	32	16	3	2	107	55	130	67			1.08		1.10		14300	6486
854	134	60	102	52	32	16	3	2	112	58	130	67			1.03		1.00		14300	6486
855	140	72	100	56	32	16	3	2	104	53	130	67			1.07		1.00	1.00	14300	6486
856	137	70	105	54	32	16	3	2	90	51	130	67			1.05		1.00		14300	6486
857	140	72	100	56	32	16	3	2	119	61	130	67			1.00		1.10		14300	6486
858	142	73	110	57	32	16	3	2	100	51	130	67			1.00		1.10		14300	6486
862	131	67	99	51	32	16	3	2	110	57	130	67			1.01		.90		14300	6486
864	140	72	107	55	33	17	3	2	100	56	127	65			1.10		1.10		13700	6214
865	135	60	102	52	33	17	3	2	103	53	129	66			1.04		1.20	1.20	14200	6441
867	130	72	100	55	33	17	3	2	105	54	132	68			1.05		1.10		14700	6668
868	141	73	100	56	33	17	3	2	115	59	130	67			1.09		1.00		14300	6486
870	145	75	113	58	32	16	3	2	109	56	129	66			1.12		1.10		14200	6441
871	145	75	113	58	32	16	3	2	125	64	128	66			1.14		1.10		13000	6260
872	150	77	116	60	34	17	3	2	100	51	132	68			1.14		1.20	1.20	14700	6668
873	148	77	115	59	34	17	3	2	105	54							1.00			
875	146	75	112	58	34	17	3	2	100	56	128	66			1.13		1.00		14000	6350
876	147	76	114	59	33	17	3	2	103	53	126	65			1.17		1.20	1.30	13500	6124
877	142	73	100	56	34	17	3	2	100	56	130	67			1.09		1.10		14300	6486
878	139	72	100	55	33	17	3	2	112	58	130	67			1.07		1.00		14300	6486
935	125	64	115	59	10	5	0	0	105	54	130	67			.96		1.10		14300	6486
937	141	73	116	60	25	13	2	1	100	56	130	67			1.09		1.10		14300	6486
938	132	68	107	55	25	13	2	1	102	52	130	67			1.02		1.10		14300	6486
940	134	69	100	56	25	13	2	1	103	53							1.10			
941	143	74	117	60	26	13	2	1	121	62	130	67			1.10		1.10		14300	6486
942	132	68	106	55	26	13	2	1	104	53	130	67			1.02		1.10		14300	6486
946	129	66	107	55	22	11	2	1	113	58	128	66			1.01		1.10	1.00	14000	6350

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

LNO	VPAF	VE-FTLM	WIND-VEL		VEOR	VPAMIN	VSP'A	KVPA	KV	LIFT	LIFT	FF	LBS	KG						
			NO.	TD																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
947	127	65	105	54	22	11	2	1	99	51	136	67			.97		1.00		14300	6486
948	132	68	110	57	22	11	2	1	100	56	136	67			1.02		1.10		14300	6486
950	132	68	100	56	23	12	2	1	100	56	136	67			1.01		1.00		14300	6486
952	133	68	100	56	25	13	2	1	120	62	136	67			1.02		1.20		14300	6486
954	141	73	119	61	22	11	2	1	112	58	136	67			1.00		1.20		14300	6486
955	128	66	104	55	22	11	2	1	112	58	131	67			.98		1.10		14500	6577
956	140	77	127	65	22	11	2	1	118	61	128	66			1.16		1.20		14000	6350
957	134	69	112	58	22	11	2	1	110	57	136	67			1.03		1.00		14300	6486
958	136	72	117	60	22	11	2	1	112	58	126	65			1.10		1.00		13500	6124
959	123	63	101	52	22	11	2	1	83	48	128	66			.96		1.10	1.10	14000	6350
960	150	77	122	63	28	14	2	1	127	65	128	66			1.17		1.00		14000	6350
962	142	73	114	59	28	14	2	1	118	61	136	67			1.09		1.10		14300	6486
963	150	77	122	63	28	14	2	1	128	66	128	66			1.17		1.10	1.10	13900	6305
964	139	72	111	57	28	14	2	1	120	62	128	66			1.08		1.10	1.10	14000	6350
966	134	69	100	56	26	13	2	1	105	54	127	65			1.06		1.10		13700	6214
967	128	66	102	52	26	13	2	1	99	51	136	67			.98		1.10		14300	6486
968	131	67	105	54	26	13	2	1	109	56	136	67			1.01		1.10		14300	6486
969	132	68	106	55	26	13	2	1	103	53	136	67			1.02		1.10		14300	6486
970	128	66	102	52	26	13	2	1	100	56	136	67			.99		1.00		14300	6486
971	142	73	116	60	26	13	2	1	101	52	136	67			1.10		1.10		14300	6486
972	138	71	112	58	26	13	2	1	110	57	136	67			1.06		1.10		14300	6486
973	129	66	103	53	26	13	2	1	124	64	136	67			.99		1.00	1.00	14300	6486
974	140	72	114	59	26	13	2	1	126	65	128	66			1.08		1.10		14200	6441
975	144	74	118	61	26	13	2	1	143	74	136	67			1.11		1.10		14300	6486
976	144	74	118	61	26	13	2	1	99	51					.90		.90			
977	141	73	115	59	26	13	2	1	110	57	136	67			1.00		1.10		14300	6486
980	144	74	120	62	24	12	2	1	106	55	136	67			1.11		1.20		14300	6486
981	147	76	123	63	24	12	2	1	115	59	136	67			1.14		1.10		14300	6486
982	137	70	113	58	24	12	2	1	112	58	128	66			1.06		1.00		14100	6396
983	144	74	120	62	24	12	2	1	124	64	136	67			1.11		1.00		14300	6486
985	140	72	116	60	24	12	2	1	116	60	136	67			1.08		1.40		14300	6486
987	138	71	114	59	24	12	2	1	111	57	128	66			1.07		1.10		14000	6350
988	140	72	116	60	24	12	2	1	105	54	128	65			1.12		1.00	1.00	13400	6078
989	144	74	120	62	24	12	2	1	109	56	128	66			1.12		1.10		13900	6305
990	141	73	117	60	24	12	2	1	126	65	136	67			1.09		1.10		14300	6486
995	133	68	100	56	24	12	2	1	121	62	136	67			1.02		1.20		14300	6486
996	143	74	119	61	24	12	2	1	115	59	136	67			1.10		1.20		14300	6486
998	136	70	112	56	24	12	2	1	109	56	128	65			1.08		1.00		13500	6124
999	138	71	114	59	24	12	2	1	114	59	136	67			1.06		1.00	1.00	14300	6486
1000	132	68	100	56	24	12	2	1	108	56	129	66			1.02		1.10		14100	6396

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
LNOG	VPAF	VE-FLTM		WIND-VEL				PAR.	PERF.	VEOR	VPAMIN		VSP-A	KVPA	KV	LIFT	LIFT	LIFT	WEIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		100	M/S	100	M/S	100	M/S				100	M/S								100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100	M/S	100

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

LNOG	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN	VSP-A	KVPA	KV	LIFT	LIFT	FF	LBS	KG					
		TD	NO.	PAR.	PERP.											NO.	NO.	NO.	NO.	NO.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1056	136	71	115	50	23	12	2	1	136	70	128	66			1.08		1.10		13000	6260
1057	143	74	120	62	23	12	2	1	85	48	130	67			1.10		1.10		14300	6486
1058	135	60	112	56	23	12	2	1	128	66	125	64			1.06		1.10		13300	6033
1059	141	73	118	61	23	12	2	1	121	62	128	66			1.11		1.20		13000	6260
1060	134	60	111	57	23	12	2	1	113	58	128	66			1.05		1.20		13000	6305
1061	140	72	117	60	23	12	2	1	113	58	128	66			1.09		1.00		14000	6350
1062	130	72	116	60	23	12	2	1	119	61	128	66			1.09		1.30		13000	6305
1063	143	74	120	62	23	12	2	1	120	62	130	67			1.10		1.10		14300	6486
1064	140	72	117	60	23	12	2	1	125	64	128	65			1.11		1.10		13400	6078
1065	137	70	114	59	23	12	2	1	126	65	126	65			1.08		1.00	1.00	13500	6124
1066	134	60	111	57	23	12	2	1	113	58	128	66			1.04		1.00		14100	6396
1067	146	75	123	63	23	12	2	1	126	65	130	67			1.13		1.20		14300	6486
1068	140	77	126	65	23	12	2	1	125	64	130	67			1.14		1.10		14300	6486
1069	148	76	125	64	23	12	2	1	124	64	131	67			1.13		1.00		14500	6577
1070	137	70	113	58	24	12	2	1	117	60	130	67			1.06		1.10		14300	6486
1071	144	74	120	62	24	12	2	1	120	62	130	67			1.11		1.20		14300	6486
1072	137	70	111	57	26	13	2	1	116	60	125	64			1.09		1.10		13300	6033
1073	127	65	101	52	26	13	2	1	106	55	126	65			1.01		1.00		13500	6124
1075	136	70	112	58	24	12	2	1	102	52	130	67			1.04		1.10	1.10	14300	6486
1078	125	64	101	52	24	12	2	1	105	54	130	67			.96		1.10		14300	6486
1079	136	71	114	59	24	12	2	1	121	62	128	66			1.08		1.00		13000	6260
1080	151	78	127	65	24	12	2	1	120	62	130	67			1.16		1.20		14300	6486
1082	137	70	115	59	22	11	2	1	119	61	130	67			1.06		1.00		14300	6486
1083	136	70	114	59	22	11	2	1	111	57	126	65			1.08		1.10		13500	6124
1084	142	73	120	62	22	11	2	1	108	56	129	66			1.10		1.10	1.20	14100	6396
1085	131	67	100	56	22	11	2	1	111	57	130	67			1.01		1.00		14300	6486
1086	132	68	110	57	22	11	2	1			130	67			1.02		1.10		14300	6486
1087	145	75	123	63	22	11	2	1	130	67	127	65			1.14		1.20		13700	6214
1088	133	68	111	57	22	11	2	1	111	57	128	66			1.04		1.20	1.30	13000	6305
1090	141	73	119	61	22	11	2	1	111	57	131	67			1.08		1.00		14500	6577
1091	128	66	106	55	22	11	2	1	108	56	128	66			1.00		1.10		13000	6260
1092	136	70	114	59	22	11	2	1	116	60	126	65			1.06		1.20		13500	6124
1093	134	60	112	58	22	11	2	1	107	55	126	65			1.06		1.10		13500	6124
1094	144	74	122	63	22	11	2	1	113	58	130	67			1.11		1.00		14300	6486
1095	134	60	112	58	22	11	2	1	114	59	126	65			1.07		1.20	1.10	13400	6078
1212	134	60	112	58	22	11	0	0	117	60	131	67			1.02		1.10		14500	6577
1213	150	77	128	66	22	11	0	0	114	59	130	67			1.15		1.20		14300	6486
1214	136	71	116	60	22	11	0	0	107	55	130	67			1.06		1.10		14300	6486
1215	133	68	111	57	22	11	0	0	111	57	128	66			1.03		1.10		14000	6350
1216	134	69	112	58	22	11	0	0	104	53	130	67			1.03		1.10		14300	6486

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS			
LNOG NO.	VPAF		VE-FILM		WIND-VEL				PAR.	PERP.	VEOR	VPAMIN		VSP'A		KVPA	KV	LIFT	LIFT	FF	LBS	KG	
	KN	M/S	KN	M/S	KN	M/S	KN	M/S				KN	M/S	KN	M/S								KN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
1217	133	68	111	57	22	11	0	0	107	55	130	67			1.02		1.00		14300		6486		
1219	136	70	114	59	22	11	0	0	103	53	127	65			1.07		1.30		13700		6214		
1220	140	72	118	61	22	11	0	0			129	66			1.09		1.10		14100		6396		
1221	140	72	118	61	22	11	0	0	117	60	129	66			1.09		1.20		14100		6396		
1222	147	76	125	64	22	11	0	0	124	64	128	66			1.15		1.20		13800		6260		
1223	141	73	119	61	22	11	0	0	120	62	128	66			1.10		1.10	1.00	13900		6305		
1224	136	70	114	59	22	11	0	0	112	58	128	66			1.06		1.10		13900		6305		
1225	137	70	115	59	22	11	0	0	120	62	127	65			1.08		1.00		13700		6214		
1226	133	68	111	57	22	11	0	0	120	62	127	65			1.05		1.10		13700		6214		
1227	125	64	103	53	22	11	0	0	106	55	126	65			.99		1.10		13500		6124		
1228	126	65	104	53	22	11	0	0	113	58	127	65			.99		1.10		13700		6214		
1229	130	72	117	60	22	11	0	0	110	57	130	67			1.07		1.00		14300		6486		
1231	131	67	109	56	22	11	0	0	118	61	130	67			1.01		1.00	1.00	14300		6486		
1232	144	74	122	63	22	11	0	0	129	66	126	65			1.14		1.10		13500		6124		
1235	143	74	121	62	22	11	0	0	127	65	130	67			1.10		1.00		14300		6486		
1237	130	71	116	60	22	11	0	0	106	55	130	67			1.06		1.20		14300		6486		
1239	138	71	116	60	22	11	0	0	113	58	130	67			1.06		1.10		14300		6486		
1242	140	72	118	61	22	11	0	0	119	61	129	66			1.09		1.10	1.10	14100		6396		
1245	128	66	106	56	22	11	0	0	98	50	129	66			.99		1.00		14200		6441		
1246	120	66	107	55	22	11	0	0	114	59	126	65			1.02		1.00	1.10	13400		6078		
1247	137	70	115	59	22	11	0	0	111	57	128	66			1.06		1.00		14000		6350		
1248	130	67	108	56	22	11	0	0	113	58	128	66			1.03		1.00	1.00	14000		6350		
1250	135	69	113	58	22	11	0	0	100	51	128	66			1.02		1.00	1.00	13900		6305		
1251	127	65	105	54	22	11	0	0	122	63	130	67			1.04		1.10		14300		6486		
1252	137	70	115	59	22	11	0	0	107	55	130	67			.98		1.00		14300		6486		
1253	128	66	103	53	25	13	0	0	115	58	129	66			1.08		1.20		14200		6441		
1254	142	73	117	60	25	13	0	0	104	53	126	65			1.02		1.10		13500		6124		
1255	136	70	111	57	25	13	0	0	110	57	130	67			1.09		1.10		14300		6486		
1256	130	72	114	59	25	13	0	0	109	56	128	66			1.07		1.20		14000		6486		
1257	134	69	109	56	25	13	0	0	101	52	126	65			1.06		1.10	1.10	13500		6124		
1258	129	66	104	53	25	13	0	0	103	53	125	64			1.03		1.10		13300		6033		
1259	137	70	112	58	25	13	0	0	113	58	126	65			1.06		1.10		13500		6124		
1260	134	68	109	56	25	13	0	0	108	56	127	65			1.05		.98		13700		6214		
1261	144	74	119	61	25	13	0	0	128	66	130	67			1.11		1.10		14300		6486		
1265	141	73	116	60	25	13	0	0	114	59	128	66			1.10		1.00		14000		6350		
1266	137	70	112	58	25	13	0	0	113	58	128	66			1.06		1.00		14000		6350		
1267	136	70	111	57	25	13	0	0	111	57	130	67			1.05		1.20		14300		6486		
1268	127	65	102	52	25	13	0	0	101	52	129	66			.98		1.00		14100		6396		
1269	145	75	120	62	25	13	0	0	122	63	128	66			1.13		1.20	1.20	14000		6350		



## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

LANDG	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT		WEIGHT								
		KN	M/S	KN	M/S		KN	M/S				TD	FF	LBS	KG							
NO.	TD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1270	134	60	100	56	25	13	0	0	0	114	59	130	67				1.03		1.10		14300	6486
1271	141	73	116	60	25	13	0	0	0	93	48	128	66				1.10		1.10		13900	6365
1272	145	75	120	62	25	13	0	0	0	115	50	130	67				1.11		1.10		14300	6486
1273	154	79	129	66	25	13	0	0	0	130	67	130	67				1.19		1.20		14300	6486
1274	142	73	117	60	25	13	0	0	0	103	53	126	65				1.13		1.10		13500	6124
1275	142	73	117	60	25	13	0	0	0	120	62	126	65				1.13		1.20		13400	6078
1276	131	67	106	55	25	13	4	2	2	110	57	130	67				1.00		1.10	1.00	14300	6486
1277	146	75	121	62	25	13	4	2	2	96	50	128	66				1.13		1.20	1.20	14000	6350
1278	134	60	100	56	25	13	4	2	2	115	50	130	67				1.03		1.10		14300	6486
1279	131	67	106	55	25	13	4	2	2	94	48	130	67				1.01		1.10		14300	6486
1280	147	76	122	63	25	13	4	2	2	120	62	129	66				1.13		1.10		14200	6441
1281	140	72	115	59	25	13	4	2	2	113	58	128	66				1.09		1.20	1.20	14000	6350
1284	137	70	114	59	23	12	4	2	2	96	49	130	67				1.06		1.20		14300	6486
1285	137	70	114	59	23	12	4	2	2	103	53	126	65				1.09		1.10		13400	6078
1287	129	66	106	55	23	12	4	2	2	92	47	126	65				1.02		1.10		13500	6124
1288	136	71	115	59	23	12	4	2	2	91	47	126	65				1.09		1.10		13500	6124
1289	135	69	112	58	23	12	4	2	2	112	58	128	66				1.05		1.10		14000	6350
1290	126	65	103	53	23	12	4	2	2	113	58	126	65				1.00		1.00	1.10	13500	6124
1291	136	70	111	57	25	13	4	2	2	114	59	124	64				1.09		1.10		13100	5942
1292	130	67	105	54	25	13	4	2	2	113	58	130	67				1.00		1.10		14300	6486
1293	131	67	106	55	25	13	4	2	2	114	59	127	65				1.04		1.00	1.00	13000	6169
1294	142	73	117	60	25	13	4	2	2	120	62	130	67				1.10		1.00		14300	6486
1295	140	76	123	63	25	13	4	2	2	119	61	130	67				1.14		1.10		14300	6486
1298	141	73	116	60	25	13	4	2	2	116	60	129	66				1.09		1.30		14200	6441
1299	138	71	113	58	25	13	4	2	2	128	65	130	67				1.06		1.10		14300	6486
1300	130	72	114	59	25	13	4	2	2	116	60	128	66				1.09		1.00		13900	6365
1301	142	73	117	60	25	13	4	2	2	126	65	128	66				1.11		1.10		13900	6365
1302	136	71	113	58	25	13	4	2	2	112	58	129	66				1.07		1.10		14200	6441
1303	141	73	116	60	25	13	4	2	2	118	61	126	65				1.12		1.00		13500	6124
1304	130	71	113	58	25	13	4	2	2	120	62	130	67				1.06		1.00		14300	6486
1305	134	69	109	56	25	13	4	2	2	107	55	131	67				1.02		1.10		14500	6577
1306	138	71	113	58	25	13	4	2	2	130	72	127	65				1.09		.90		13700	6214
1307	141	73	116	60	25	13	4	2	2	108	56	125	64				1.13		1.10		13300	6033
1309	144	74	119	61	25	13	4	2	2	126	65	129	66				1.11		1.10		14200	6441
1310	137	70	112	58	25	13	4	2	2	117	60	130	67				1.05		1.20		14300	6486
1311	140	72	115	59	25	13	4	2	2	116	60	129	66				1.09		.90		14100	6396
1312	137	70	112	58	25	13	4	2	2	118	61	129	66				1.06		1.30		14200	6441
1313	139	72	114	59	25	13	4	2	2	106	55	128	66				1.08		1.00		14000	6350
1314	146	75	121	62	25	13	4	2	2	126	65	128	66				1.14		1.20		13900	6365
1315	133	68	106	56	25	13	4	2	2			127	65				1.04		.90	1.00	13700	6214

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVA-65)							DAY LANDINGS			
LNDC	VPAF	VE-FILM		WIND-VEL		VEOR	VPAMIN		VSP'A	KVPA	KV	LIFT	LIFT	FF	WEIGHT	KG				
		KN	M/S	KN	M/S		KN	M/S									KN	M/S	MIN	SP' A
NO.	TD	PAR.	PERP.	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	KN	M/S	LBS	KG			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1316	136	71	113	58	25	13	4	2	114	59	126	65			1.09		1.10		13500	6124
1317	139	72	114	59	25	13	4	2	114	59	127	65			1.09		1.10		13700	6214
1318	140	72	115	59	25	13	4	2	117	60	130	67			1.08		1.10	1.10	14300	6486
1319	146	75	121	62	25	13	4	2	115	59	130	67			1.12		1.30		14300	6486
1320	137	70	112	58	25	13	4	2	110	57	130	67			1.06		1.10		14300	6486
1321	150	77	125	64	25	13	4	2	122	63	130	67			1.15		1.20	1.10	14300	6486
1322	144	74	122	63	22	11	2	1	113	58	128	66			1.12		1.00		14000	6350
1323	139	72	117	60	22	11	2	1	117	60	130	67			1.07		1.30	1.40	14300	6486
1324	144	74	122	63	22	11	2	1	118	61	130	67			1.11		1.30		14300	6486
1325	143	74	121	62	22	11	2	1	130	67	129	66			1.11		1.00		14100	6396
1326	136	70	114	59	22	11	2	1	99	51	128	66			1.06		1.10		14000	6350
1327	141	73	119	61	22	11	2	1	129	66	130	67			1.09		1.00		14300	6486
1328	148	76	126	65	22	11	2	1			128	66			1.16		1.00		13900	6305
1329	134	69	112	58	22	11	2	1	113	58	128	66			1.05		1.00		13900	6305
1330	136	70	114	59	22	11	2	1	114	59	130	67			1.04		1.00		14300	6486
1333	136	71	116	60	22	11	2	1	123	63	130	67			1.06		1.00		14300	6486
1334	151	78	129	66	22	11	2	1	133	68	131	67			1.15		1.00		14500	6577
1335	132	68	110	57	22	11	2	1	110	57	130	67			1.02		1.00		14300	6486
1336	128	66	106	55	22	11	2	1	110	57	126	65			1.02		1.00		13500	6124
1337	143	74	121	62	22	11	2	1	119	61	131	67			1.09		1.10		14500	6577
1338	136	70	114	59	22	11	2	1	110	57	130	67			1.05		1.10		14300	6486
1339	135	69	113	58	22	11	2	1	106	55	126	65			1.07		1.00	1.00	13500	6124
1340	147	76	125	64	22	11	2	1	135	69	130	67			1.13		1.20	1.00	14300	6486
1341	156	80	134	69	22	11	2	1			130	67			1.20		1.20		14300	6486
1342	184	95	162	83	22	11	2	1			129	66			1.42		2.30		14200	6441
1343	149	77	127	65	22	11	2	1	136	71	129	66			1.15		1.20		14200	6441
1345	155	80	133	68	22	11	2	1	147	76	127	65			1.22		1.20	1.20	13600	6169
1347	139	72	116	60	23	12	2	1	142	73	131	67			1.06		1.10		14500	6577
1348	144	74	121	62	23	12	2	1	117	60	130	67			1.10		1.20		14300	6486
1351	132	68	110	57	22	11	2	1	108	56	126	65			1.04		1.00		13500	6124
1354	132	68	109	56	23	12	2	1	97	50	129	66			1.03		1.00		14100	6396
1355	135	69	112	58	23	12	2	1	124	64	130	67			1.04		1.40		14300	6486
1357	139	72	114	59	25	13	0	0	119	61	128	66			1.08		1.10		13900	6305
1358	135	69	110	57	25	13	0	0	124	64	130	67			1.04		1.10		14300	6486
1360	133	68	108	56	25	13	0	0	114	59	130	67			1.02		1.00		14300	6486
1361	143	74	118	61	25	13	0	0	111	57	128	66			1.12		1.00		13900	6305
1362	141	73	116	60	25	13	0	0	123	63	130	67			1.09		1.30		14300	6486
1363	147	76	122	63	25	13	0	0	111	57	129	66			1.14		1.10		14100	6396
1364	137	70	112	58	25	13	0	0	113	58	130	67			1.05		1.20		14300	6486
1365	129	66	104	53	25	13	0	0	108	56	130	67			.99		1.10		14300	6486

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS			
LNDG NO.	VPAF TD	VE-FILM		WIND-VEL		PAR.		PERP.		VEOR	VPAMIN		VSP'A		KVPA	KV	LIFT		LIFT	WEIGHT			
		KN	M/S	KN	M/S	KN	M/S	KN	M/S		KN	M/S	KN	M/S			MIN	SP'A		TD	FF	LBS	KG
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
1566	142	73	117	60	25	13	0	0	109	56	129	66			1.10		1.10		14100	6396			
1567	136	70	111	57	25	13	0	0	102	52	130	67			1.04		1.10		14300	6486			
1568	134	60	100	56	25	13	0	0	116	60	127	65			1.06		1.10	1.10	13600	6169			
1569	145	75	120	62	25	13	0	0	97	50	129	66			1.12		1.20		14200	6441			
1570	130	67	105	54	25	13	0	0	109	56	130	67			1.00		1.20		14300	6486			
1571	136	70	111	57	25	13	0	0	98	50	130	67			1.05		1.00		14300	6486			
1572	125	64	100	51	25	13	0	0	107	55	130	67			.97		.70		14300	6486			
1573	144	74	118	61	25	13	0	0	110	57	130	67			1.11		1.00		14300	6486			
1574	143	74	118	61	25	13	0	0	112	58	129	66			1.11		1.20		14100	6396			
1575	132	68	107	55	25	13	0	0	103	53	130	67			1.01		1.20		14300	6486			
1576	145	75	120	62	25	13	0	0	115	59	128	66			1.13		1.20		13900	6305			
1577	144	74	119	61	25	13	0	0	115	59	129	66			1.11		1.00		14100	6396			
1578	133	68	106	56	25	13	0	0	100	51	130	67			1.03		1.00		14300	6486			
1579	134	69	100	56	25	13	0	0	116	60	129	66			1.04		1.10		14100	6396			
1580	136	70	111	57	25	13	0	0	117	60	130	67			1.04		1.10		14300	6486			
1581	137	70	112	58	25	13	0	0	107	55	128	66			1.08		1.10		13900	6260			
1582	131	67	106	55	25	13	0	0	97	50	130	67			1.00		1.10		14300	6486			
1583	130	72	114	59	25	13	0	0	119	61	130	67			1.07		1.10		14300	6486			
1584	140	72	115	59	25	13	0	0	115	59	130	67			1.08		1.10		14300	6486			
1585	133	68	106	56	25	13	0	0	108	56	130	67			1.02		1.10		14300	6486			
1586	137	70	112	58	25	13	0	0	98	50	129	66			1.06		1.00		14100	6396			
1587	150	77	125	64	25	13	0	0	122	63	130	67			1.16		1.20		14300	6486			
1588	139	72	114	59	25	13	0	0	97	50	130	67			1.07		1.10		14300	6486			
1589	142	73	117	60	25	13	0	0	127	65	129	66			1.08		1.10	1.00	14100	6396			
1590	141	73	116	60	25	13	0	0	109	56	129	66			1.10		1.00	1.00	14100	6396			
1591	141	73	116	60	25	13	0	0	100	51	130	67			1.08		1.10		14300	6486			
1594	144	74	119	61	25	13	0	0	121	62	130	67			1.11		1.00		14300	6486			
1595	138	71	113	58	25	13	0	0	106	55	130	67			1.06		1.00		14300	6486			
1596	138	71	113	58	25	13	0	0	113	58	129	66			1.07		1.00		14100	6396			
1598	139	72	114	59	25	13	0	0	104	53	128	66			1.00		1.00		14000	6350			
1599	135	69	110	57	25	13	0	0	115	59	130	67			1.04		1.00		14300	6486			
1600	133	68	106	56	25	13	0	0	122	63	128	66			1.04		1.10		13800	6260			
1601	149	77	124	64	25	13	0	0	129	66	127	65			1.17		1.20		13700	6214			
1602	141	73	116	60	25	13	0	0	111	57	128	66			1.10		.90		13900	6305			
1603	131	67	106	55	25	13	0	0	95	49	130	67			1.01		.90		14300	6486			
1604	145	75	120	62	25	13	0	0	114	59	130	67			1.11		1.10	1.00	14300	6486			
1605	141	73	116	60	25	13	0	0	119	61	130	67			1.00		1.20		14300	6486			
1608	155	80	130	67	25	13	0	0	134	69	129	66			1.19		1.30		14200	6441			
1609	143	74	118	61	25	13	0	0	120	62	129	66			1.11		1.10		14100	6396			
1610	140	72	115	59	25	13	0	0	117	60	128	66			1.09		1.20		14000	6350			

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)						DAY LANDINGS					
LNDG NO.	VPAF TD	VE-FILM		WIND-VEL		VEOR	VSP'A		KVPA	KV	LIFT TD	LIFT FF	WEIGHT								
		KN	M/S	KN	M/S		KN	M/S					LBS	KG							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1611	136	71	113	58	25	13	0	0	118	61	129	66			1.06		1.00		14200	6441	
1612	141	73	116	60	25	13	0	0	111	57	129	66			1.09		1.00		14100	6396	
1613	143	74	118	61	25	13	0	0	110	61	128	66			1.12		1.10		13800	6260	
1615	139	72	114	59	25	13	0	0	119	61	129	66			1.08		1.10		14100	6396	
1616	132	68	107	55	25	13	0	0	105	54	128	66			1.03		1.00		13800	6260	
1618	143	74	118	61	25	13	0	0	124	64	127	65			1.13		1.10		13600	6169	
1619	138	71	113	58	25	13	0	0	124	64	126	65			1.09		1.10		13500	6124	
1620	144	74	119	61	25	13	0	0	128	66	129	66			1.12		1.20		14100	6396	
1621	142	73	117	60	25	13	0	0	108	56	130	67			1.09		1.00		14300	6486	
1622	145	75	120	62	25	13	0	0	115	59	130	67			1.11		1.00	1.00	14300	6486	
1623	135	69	110	57	25	13	0	0	112	58	130	67			1.04		1.10		14300	6486	
1624	138	71	113	58	25	13	0	0	120	62	130	67			1.07		1.10		14300	6486	
1625	131	67	106	55	25	13	0	0	107	55	128	66			1.02		1.10		14000	6350	
1626	136	70	111	57	25	13	0	0	112	58	129	66			1.05		.80	.90	14100	6396	
1627	134	69	109	56	25	13	0	0	98	50	127	65			1.03		1.00	1.00	13700	6214	
1628	133	68	108	56	25	13	0	0	100	51	130	67			1.05		1.10		14300	6486	
1629	135	69	110	57	25	13	0	0	121	62	130	67			1.04		1.00	1.00	14300	6486	
1630	159	82	134	69	25	13	0	0	134	69	130	67			1.22		1.00		14300	6486	
1631	142	73	117	60	25	13	0	0	120	62	129	66			1.09		1.20		14200	6441	
1634	141	73	116	60	25	13	2	1	116	60	128	66			1.09		1.00		14000	6350	
1635	146	72	115	59	25	13	2	1	112	58	127	65			1.10		1.00		13700	6214	
1636	139	72	114	59	25	13	2	1	115	59	130	67			1.07		1.10		14300	6486	
1637	145	75	120	62	25	13	2	1	121	62	129	66			1.12		1.00	1.00	14300	6486	
1638	137	70	110	57	27	14	2	1	104	53	130	67			1.06		1.00		14300	6486	
1640	138	71	111	57	27	14	2	1	101	52	130	67			1.07		1.00		14200	6441	
1641	139	72	113	58	26	13	2	1	125	64	130	67			1.06		1.00		14300	6486	
1642	141	73	115	59	26	13	2	1	116	60	130	67			1.09		1.10		14300	6486	
1644	144	74	118	61	26	13	0	0	127	65	130	67			1.11		1.10		14300	6486	
1645	142	73	116	60	26	13	0	0	108	56	130	67			1.09		1.20		14300	6486	
1646	147	76	121	62	26	13	0	0	125	64	130	67			1.14		1.00		14300	6463	
1647	149	77	123	63	26	13	0	0	120	62	129	66			1.15		1.10	1.20	14200	6441	
1648	131	67	107	55	24	12	0	0	122	63	130	67			1.01		1.10	1.10	14300	6486	
1649	135	69	112	56	23	12	0	0	107	55	130	67			1.04		1.10	1.00	14300	6486	
1650	136	70	113	58	23	12	0	0	106	55	127	65			1.07		1.00	1.00	13700	6214	
1651	145	75	121	62	24	12	0	0	126	65	127	65			1.14		1.00		13700	6214	
1652	154	79	130	67	24	12	0	0	137	70	128	66			1.20		1.10		14000	6350	
1653	131	67	107	55	24	12	0	0	96	49	128	66			1.02		1.10		14000	6350	
1654	143	74	119	61	24	12	0	0	112	58	130	67			1.10		.90		14300	6486	
1655	139	72	115	59	24	12	0	0	116	60	130	67			1.07		1.10		14300	6486	

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)							DAY LANDINGS				
LNOG	VPAF	VE-FILM		WIND-VEL		PAR.	PERP.	VEOR	VPAMIN		VSP-A		KVPA	KV	LIFT	LIFT	WEIGHT				
		KN	M/S	KN	M/S				KN	M/S	KN	M/S						MIN	SP' A	TD	FF
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1656	135	69	111	57	24	12	0	0	103	53	130	67			1.04		1.20		14300	6486	
1658	128	68	104	53	24	12	0	0	106	55	127	65			1.01		1.00	1.00	13700	6214	
1659	143	74	119	61	24	12	0	0	116	60	130	67			1.10		1.30		14300	6486	
1660	137	70	113	58	24	12	0	0	106	55	130	67			1.05		1.20		14300	6486	
1662	130	67	103	53	27	14	0	0	105	54	128	66			1.02		1.10		13900	6305	
1663	144	74	118	61	26	13	2	1	114	59	130	67			1.11		1.10	1.10	14300	6486	
1665	143	74	117	60	26	13	2	1	113	58	129	66			1.10		1.10	1.10	14200	6441	
1666	136	70	111	57	25	13	2	1	112	58	127	65			1.07		1.10		13700	6214	
1667	137	70	112	58	25	13	2	1	115	59	130	67			1.06		1.10		14300	6486	
1668	133	68	106	56	25	13	2	1	100	56	130	67			1.02		1.10		14300	6486	
1669	149	77	124	64	25	13	2	1	132	68	128	66			1.16		1.10		14000	6350	
1670	141	73	115	59	26	13	2	1	122	63	130	67			1.08		1.10		14300	6486	
1671	145	75	119	61	26	13	2	1	103	53	130	67			1.12		1.10		14300	6486	
1672	140	72	115	59	25	13	2	1	127	65	130	67			1.07		1.10		14300	6486	
1674	141	73	113	58	26	14	2	1	120	62	130	67			1.08		1.00		14300	6486	
1675	136	70	106	56	26	14	2	1	109	56	130	67			1.05		1.10		14300	6486	
1677	147	76	119	61	28	14	2	1	113	58	130	67			1.13		1.10		14300	6486	
1678	145	75	119	61	26	13	2	1	111	57	128	66			1.13		1.00		13900	6305	
1679	140	72	116	60	24	12	2	1	115	59	129	66			1.09		1.10		14100	6398	
1680	134	69	111	57	23	12	2	1	107	55	129	66			1.04		1.00		14200	6441	
1681	136	70	113	58	23	12	2	1	114	59	130	67			1.05		1.00		14300	6486	
1683	140	72	116	60	24	12	2	1	106	55	130	67			1.08		1.10		14300	6486	
1684	132	68	108	56	24	12	2	1	102	52	128	65			1.05		1.10		13500	6124	
1685	135	69	108	56	27	14	2	1	98	50	126	65			1.08		1.00		13400	6078	
4016	129	66	105	54	24	12	4	2			128	66			1.01		1.00		14000	6350	
4043	152	78	128	68	24	12	4	2	129	66	130	67			1.17		1.10		14300	6486	
4052	141	73	115	59	26	13	2	1	117	60	130	67			1.08		1.20		14300	6486	
4251	131	67	106	55	25	13	4	2	118	61	127	65			1.03		1.10		13700	6214	
4252	135	69	110	57	25	13	4	2	109	56	127	65			1.06		1.10		13700	6214	
4258	135	69	110	57	25	13	4	2	111	57							1.10		14300	6486	
4470	146	75	116	60	30	15	5	3			130	67			1.12		1.00		14300	6486	
4471	139	72	109	56	30	15	5	3	118	61							1.10		14300	6486	
4485	136	70	107	55	29	15	8	4	113	58	130	67			1.04		1.10		14300	6486	
4864	137	70	105	54	32	16	3	2	113	58	129	66			1.06		1.10	1.20	14200	6441	
4993	135	69	111	57	24	12	2	1			130	67			1.04		1.00		14300	6486	

## LANDING DATA - MODEL TA-4F USS ENTERPRISE (CVN-65) DAY LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD						WHEEL HEIGHT OVER RAMP		HOOK HEIGHT OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	AVG	FREE-FLIGHT	BHW	DEC	RAD	BW	DEC	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
246	13.4	4.1	14.5	4.4	13.1	4.0	13.8	4.2			3.7	.064	4.0	.070	13.7	4.2	10.3	3.1		
247	11.0	3.4	12.8	3.9	9.9	3.0	10.7	3.3			3.0	.066	3.3	.058	14.2	4.3	11.1	3.4		
248	7.6	2.3	7.3	2.2	6.6	2.0	6.9	2.1			2.3	.040	1.9	.033	10.8	3.3	7.4	2.2		
249	10.0	3.0	10.4	3.2	9.1	2.8	9.7	3.0	10.1	3.1	2.2	.038	2.5	.044	14.5	4.4	11.3	3.4		
250	7.7	2.4	9.6	2.9	9.8	3.0	9.4	2.9			3.1	.055	2.9	.051	13.9	4.2	10.3	3.1		
252	8.0	2.4	9.9	3.0	9.8	3.0	9.8	3.0			3.1	.055	2.8	.049	12.9	3.9	9.3	2.8		
254	11.9	3.6	13.7	4.2	14.5	4.4	14.0	4.3			4.4	.078	4.0	.070	16.2	4.9	12.9	3.9		
255	7.1	2.2	6.3	1.9	6.4	1.9	6.3	1.9	5.8	1.8	1.7	.029	1.9	.033	9.8	3.0	6.2	1.9		
256	9.8	3.0	12.3	3.6	9.0	2.7	10.7	3.3			3.4	.060	3.4	.060	13.1	4.0	9.8	3.0		
257	13.0	4.0	12.7	3.9	12.4	3.8	12.5	3.8	13.2	4.0	4.0	.069	3.4	.060	16.2	4.9	12.6	3.9		
258	15.6	4.8	13.8	4.2	14.4	4.4	14.1	4.3	14.0	4.3	4.2	.074	4.3	.075	18.5	5.6	15.0	4.6		
260	13.3	4.0	17.8	5.4	17.4	5.3	17.9	5.5			5.4	.094	5.2	.091	13.0	4.0	9.5	2.9		
262	10.3	3.1	6.4	1.9	7.0	2.1	6.7	2.0	6.7	2.0	2.8	.063	2.4	.043	12.6	3.8	9.3	2.8		
272	7.7	2.3	8.5	2.6	8.2	2.5	8.5	2.6			3.6	.063	2.4	.043	14.1	4.3	10.7	3.3		
273	6.5	2.0	6.7	2.0	10.1	3.1	9.4	2.9			3.0	.052	2.9	.051	11.8	3.6	8.1	2.5		
274	9.8	3.0	10.1	3.1	10.1	3.1	10.1	3.1			3.9	.068	3.4	.060	15.6	4.8	11.9	3.6		
275	9.6	2.9	10.6	3.2	11.1	3.4	10.9	3.3			3.7	.065	3.6	.063	11.6	3.5	7.8	2.4		
276	8.5	2.6	9.6	2.9	8.1	2.5	9.0	2.7			3.0	.052	2.8	.049	13.3	4.1	9.6	2.9		
277	10.1	3.1	8.5	2.6	9.0	2.7	8.8	2.7	13.3	4.1	3.9	.067	3.4	.059	16.4	5.0	12.7	3.9		
278	15.0	4.6	13.0	4.0	12.5	3.8	12.7	3.9	8.6	2.6	2.8	.048	2.6	.045	12.5	3.8	8.9	2.7		
279	11.6	3.5	8.4	2.3	8.1	2.5	8.2	2.5			2.9	.050	2.5	.044	13.1	4.0	9.7	2.9		
280	9.8	3.0	11.4	3.5	10.3	3.1	10.9	3.3			3.3	.058	3.3	.058	18.1	5.5	14.6	4.5		
281	11.6	3.5	12.3	3.8	10.8	3.3	11.1	3.4			2.9	.050	2.5	.044	14.7	4.5	11.3	3.4		
283	11.8	3.6	11.9	3.6	13.1	4.0	12.4	3.8			2.9	.050	3.3	.058	14.5	4.5	9.6	2.9		
284	9.0	2.7	9.8	3.0	8.4	2.5	9.1	2.8			2.6	.049	2.5	.044	12.5	3.8	8.5	2.6		
286	11.4	3.5	11.7	3.6	10.5	3.2	11.1	3.4			2.8	.046	2.9	.051	11.9	3.6	8.5	2.6		
287	12.9	3.9	11.4	3.5	10.0	3.1	11.1	3.4			2.8	.049	3.3	.057	12.4	3.8	8.5	2.6		
288	8.9	2.7	9.2	2.8	9.9	3.0	9.6	2.9			2.8	.048	2.8	.049	9.7	3.0	6.2	1.9		
289	10.4	3.2	10.7	3.3	11.7	3.6	11.2	3.4			3.3	.057	2.9	.050	13.1	4.0	9.5	2.9		
290	10.9	3.3	9.3	2.8	10.1	3.1	9.5	2.9			3.0	.052	2.9	.050	15.1	4.6	11.3	3.4		
293	13.8	4.2	13.1	4.0	13.0	4.0	13.1	4.0			3.9	.069	3.5	.062	15.2	4.6	11.5	3.5		
294	10.5	3.2	9.7	3.0	9.3	2.8	9.5	2.9			2.5	.044	2.5	.044	11.9	3.6	8.3	2.5		
295	11.1	3.4	13.0	4.0	11.2	3.4	12.4	3.8			3.5	.062	3.4	.059	18.5	5.6	15.1	4.6		
296	11.5	3.5	12.6	3.8	11.8	3.6	12.2	3.7	12.4	3.8	3.2	.058	3.3	.057	13.1	4.0	9.4	2.9		
297	12.4	3.8	12.7	3.9	11.6	3.5	12.1	3.7			3.4	.059	3.3	.057	15.7	4.8	12.2	3.7		
298	10.7	3.3	9.6	2.9	9.6	2.9	9.6	2.9	8.9	2.7	2.8	.048	3.1	.055	15.2	4.6	11.6	3.5		
299	11.2	3.4	12.9	3.9	13.8	4.2	13.4	4.1			3.3	.058	3.7	.065	11.2	3.4	7.9	2.4		
300	11.7	3.6	12.7	3.9	11.3	3.4	12.0	3.7			3.6	.062	3.1	.054	12.4	3.8	9.3	2.8		
301	10.8	3.3	9.2	2.8	8.6	2.7	9.2	2.8			3.3	.057	2.6	.045	13.8	4.2	10.5	3.2		
302	9.5	2.9	10.0	3.0	9.8	3.0	9.8	3.0			2.8	.049	2.7	.048	14.8	4.5	11.1	3.4		

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

LNOG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT		
	PORT					STBD		AVG		FREE-FLIGHT		BHM		BV	OVER RAMP		OVER RAMP		
	F/S	M/S	F/S	M/S	F/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36		37	38	39	40
303	9.0	2.8	8.5	2.6	8.5	2.6	8.5	2.6			2.9	.050	2.3	.040		14.2	4.3	10.8	3.3
304	9.9	3.0	9.5	2.9	10.1	3.1	9.8	3.0			3.4	.059	2.9	.051		14.0	4.3	10.6	3.2
306	10.7	3.3	11.0	3.5	9.8	3.0	10.7	3.3			3.2	.056	2.8	.049		16.0	4.9	12.7	3.9
307	10.6	3.1	10.6	3.2	9.2	2.8	9.9	3.0			3.3	.057	2.9	.051		15.4	4.7	11.8	3.6
308	8.3	2.5	9.1	2.8	9.8	3.0	9.4	2.9			2.5	.044	2.4	.043		13.3	4.1	9.9	3.0
310	8.5	2.6	8.0	2.4	5.5	1.7	6.6	2.0			3.2	.056	1.7	.030		12.7	3.9	9.4	2.9
312	8.9	2.7	8.4	2.5	6.5	2.0	7.1	2.2					1.8	.032					
313	8.4	2.6	7.6	2.3	6.0	1.8	6.8	2.1			2.7	.047	1.9	.032		11.0	3.4	7.3	2.2
314	9.3	2.8	12.5	3.8	12.1	3.7	13.6	4.2			3.6	.064	4.1	.072		18.5	5.6	15.1	4.6
316	12.8	3.9	10.5	3.2	11.6	3.5	11.1	3.4	11.5	3.5	3.4	.059	3.4	.060		12.0	3.7	8.5	2.6
317	11.7	3.6	11.0	3.4	10.4	3.2	11.0	3.3			3.5	.061	3.1	.054		15.4	4.7	11.9	3.6
320	8.3	2.5	8.0	2.4	6.5	2.0	7.2	2.2			2.4	.042	2.0	.035		15.1	4.6	11.3	3.4
322	7.7	2.3	7.3	2.2	8.1	2.5	7.6	2.3			3.0	.052	1.8	.031		14.7	4.5	11.3	3.4
324	9.5	2.9	9.4	2.9	9.3	2.8	9.3	2.8			3.0	.053	2.6	.046		16.2	4.9	13.1	4.0
326	13.9	4.2	11.2	3.4	11.7	3.6	11.0	3.3			3.7	.064	3.1	.055		16.8	5.1	13.2	4.0
328	9.0	2.7	11.9	3.6	10.0	3.1	11.0	3.3			3.2	.055	3.0	.053		13.9	4.2	10.5	3.2
330	8.0	2.4	9.8	3.0	7.7	2.3	9.2	2.8			2.7	.047	2.6	.045		15.9	4.8	12.7	3.9
333	9.4	2.9	7.0	2.1	6.9	2.1	7.0	2.1	8.3	2.5	1.8	.031	1.5	.026		13.8	4.2	10.6	3.2
334	11.3	3.5	8.8	2.7	8.9	2.7	8.9	2.7			2.9	.050	2.1	.037		14.4	4.4	11.0	3.4
336	3.5	1.1	8.6	2.6	8.8	2.7	8.7	2.6			2.9	.051	2.2	.039		10.9	3.3	7.5	2.3
339	10.4	3.2	9.6	2.6	9.1	2.8	9.3	2.8			2.4	.042	2.5	.044		13.7	4.2	10.0	3.1
344	9.8	3.0	7.6	2.3	7.4	2.2	7.7	2.4	8.0	2.4	2.4	.043	1.9	.034		12.1	3.7	8.7	2.6
345	11.1	3.4	8.9	2.7	9.7	2.9	9.3	2.8	9.5	2.9	2.7	.047	2.3	.040		16.4	5.0	13.3	4.0
346	10.8	3.3	9.0	2.7	9.7	2.9	9.3	2.8			2.8	.048	2.4	.041		15.5	4.7	12.2	3.7
349	12.8	3.9	10.5	3.2	9.2	2.8	9.8	3.0	10.3	3.1	3.6	.063	3.0	.052		16.2	4.9	12.6	3.8
350	10.6	3.3	9.6	2.9	9.4	2.9	9.7	3.0			2.7	.048	2.7	.047		12.8	3.9	9.0	2.7
351	12.1	3.7	6.4	2.0	8.3	2.5	7.3	2.2	8.6	2.6	2.8	.048	1.6	.028		12.3	3.7	8.8	2.7
352	8.1	2.5	7.7	2.3	6.8	2.1	7.2	2.2			2.3	.040	2.2	.038		11.7	3.6	7.9	2.4
353	9.3	2.8	9.3	2.8	10.4	3.2	10.1	3.1			3.1	.054	2.6	.045		13.5	4.1	10.2	3.1
354	7.9	2.4	4.7	1.4	4.6	1.4	4.7	1.4			2.4	.041	1.3	.023		10.5	3.2	6.9	2.1
356	6.2	2.5	7.6	2.3	7.2	2.2	7.4	2.3			2.3	.040	1.6	.029		15.4	4.7	12.1	3.7
358	9.7	3.0	9.4	2.9	9.4	2.9	9.4	2.9			2.5	.044	2.4	.041		16.0	4.9	12.6	3.8
470	9.3	2.8	10.6	3.2	8.7	2.7	9.9	3.0			3.6	.063	3.3	.057		14.3	4.4	10.8	3.3
472	9.0	2.7	9.8	3.0	9.5	2.9	9.8	3.0			3.2	.057	2.9	.051		13.8	4.2	10.1	3.1
474	8.0	2.4	8.0	2.4	8.8	2.7	8.4	2.6			2.6	.046	2.3	.041		13.1	4.0	9.7	2.9
476	9.8	3.0	9.7	2.9	10.7	3.3	10.4	3.2			2.8	.048	2.9	.050		14.9	4.5	11.4	3.5
477	9.3	2.8	9.5	2.9	9.0	2.7	9.3	2.8					2.2	.038					
478	9.8	3.0	13.3	4.0	12.8	3.9	13.0	4.0			4.0	.069	3.7	.064		12.6	3.8	9.1	2.8
479	13.2	4.0	12.4	3.8	11.4	3.5	12.1	3.7			3.3	.058	3.3	.058		17.2	5.2	13.5	4.1
480	11.0	3.3	7.8	2.4	8.9	2.7	8.4	2.5			2.6	.046	2.6	.045		10.9	3.3	7.3	2.2

## LANDING DATA - MODEL TA-4F USS ENTERPRISE (CVN-65) DAY LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BMW		BVV		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
482	7.3	2.2	8.6	2.9	8.8	2.7	9.3	2.8			3.5	.061	2.6	.046	12.9	3.9	9.5	2.9
484	11.0	3.3	10.2	3.1	11.1	3.4	10.7	3.2			3.5	.061	3.5	.060	16.1	4.9	12.2	3.7
485	10.9	3.3	12.2	3.7	11.3	3.4	11.8	3.6			3.9	.069	3.6	.063	15.9	4.6	12.6	3.8
487	13.9	4.2	12.9	3.9	13.4	4.1	13.2	4.0	13.5	4.1			4.3	.076				
489	12.5	3.8	11.4	3.5	11.7	3.6	11.6	3.5			3.4	.060	3.3	.057	15.4	4.7	11.9	3.6
490	12.0	3.7	10.8	3.3	11.0	3.4	11.2	3.4					3.1	.053				
494	9.1	2.8	10.1	3.1	9.4	2.9	9.8	3.0			3.2	.056	2.9	.050	15.4	4.7	12.2	3.7
495	11.8	3.6	10.9	3.3	9.0	2.7	10.2	3.1	10.2	3.1			2.9	.050	12.9	3.9	9.4	2.9
497	9.3	2.8	7.5	2.3	8.2	2.5	8.0	2.4	8.0	2.4	2.8	.048	2.4	.042	11.5	3.5	8.1	2.5
498	11.9	3.6	11.6	3.5	12.1	3.7	11.9	3.6			3.1	.054	3.3	.057	13.4	4.1	9.8	3.0
499	11.0	3.3	9.1	2.8	8.8	2.7	9.0	2.7			3.0	.052	2.3	.040	16.3	5.0	12.9	3.9
500	8.5	2.6	6.9	2.1	6.2	1.9	6.8	2.1	6.8	2.1	3.0	.052	1.8	.032	14.9	4.5	11.5	3.5
501	11.8	3.6	12.8	3.9	14.0	4.3	13.4	4.1					4.4	.077				
502	11.4	3.5	10.3	3.1	9.4	2.9	10.0	3.0			3.2	.056	3.0	.052	15.5	4.7	12.0	3.7
503	10.7	3.3	7.0	2.1	8.3	2.5	7.7	2.3	7.9	2.4	2.8	.048	1.9	.034	11.3	3.4	7.9	2.4
504	12.0	3.7	11.1	3.4	10.5	3.2	10.8	3.3	10.6	3.2	3.7	.064	3.3	.058	19.5	5.9	15.5	4.7
505	8.7	2.7	8.1	2.5	7.0	2.1	7.8	2.4			3.3	.058	2.1	.037	16.7	5.1	13.3	4.0
506	8.6	2.6	10.5	3.2	10.5	3.2	10.6	3.2			3.0	.053	2.7	.047	17.0	5.2	13.6	4.1
507	9.0	2.8	6.4	1.9	8.3	2.5	7.4	2.2	7.4	2.3	2.4	.042	1.8	.032	9.6	2.9	6.3	1.9
508	11.7	3.6	9.0	2.7	10.8	3.3	9.9	3.0	10.5	3.2	2.7	.047	2.4	.042	14.1	4.3	10.6	3.2
509	10.3	3.1	9.2	2.6	9.5	2.9	9.4	2.9	9.5	2.9	3.2	.056	2.9	.051	11.8	3.6	8.1	2.5
511	10.2	3.1	9.4	2.9	10.5	3.2	9.9	3.0			3.4	.059	3.0	.052	14.4	4.4	10.7	3.3
512	11.3	3.5	10.7	3.3	10.0	3.1	10.6	3.2	12.8	3.9	4.2	.075	3.4	.060	21.7	6.6	17.9	5.5
513	8.6	2.6	13.1	4.0	8.7	2.6	12.3	3.7			4.3	.075	3.5	.061	14.1	4.3	10.6	3.2
514	7.9	2.4	9.6	2.9	8.7	2.7	9.6	2.9			3.1	.054	2.7	.047	9.4	2.9	6.1	1.9
515	13.1	4.0	13.6	4.1	13.0	4.0	13.4	4.1			4.4	.078	4.7	.081	21.6	6.6	17.5	5.3
516	8.4	2.6	9.3	2.8	8.3	2.5	8.9	2.7			2.9	.051	2.8	.050	13.5	4.1	9.9	3.0
517	7.0	2.1	9.6	2.9	10.3	3.1	9.9	3.0			3.1	.054	2.9	.050	10.6	3.2	6.9	2.1
518	7.7	2.3	12.9	3.9	10.0	3.0	13.1	4.0			4.0	.069	4.1	.072	17.3	5.3	13.7	4.2
519	7.7	2.4	11.8	3.6	10.3	3.2	11.4	3.5			3.4	.060	3.2	.056	12.1	3.7	8.4	2.6
520	10.0	3.0	9.5	2.9	11.5	3.5	11.4	3.5			3.1	.055	2.9	.051	18.8	5.7	15.6	4.8
521	8.4	2.6	11.3	3.5	10.2	3.1	11.3	3.5	11.2	3.4	3.5	.061	3.4	.059	14.3	4.4	10.7	3.3
522	8.1	2.5	6.9	2.1	6.2	1.9	7.3	2.2			2.8	.049	1.6	.027	15.6	4.8	12.1	3.7
523	6.0	1.8	8.8	2.7	10.2	3.1	9.8	3.0			3.4	.059	3.1	.054	16.0	4.9	12.4	3.8
524	8.9	2.7	10.2	3.1	9.9	3.0	10.0	3.1			3.3	.057	2.8	.048	17.3	5.3	13.6	4.2
525	9.3	2.8	8.7	2.7	8.9	2.7	8.8	2.7			3.0	.053	3.0	.053	15.0	4.6	11.1	3.4
526	7.3	2.2	7.6	2.3	4.9	1.5	7.3	2.2			2.5	.043	1.7	.030	13.4	4.1	10.0	3.0
527	6.2	1.9	6.3	1.9	5.4	1.6	5.8	1.8			2.2	.038	1.6	.027	11.8	3.6	8.4	2.6
528	9.3	2.8	12.3	3.7	11.3	3.5	12.5	3.8			4.3	.075	4.0	.070	18.7	5.7	14.8	4.5
530	7.1	2.1	7.4	2.3	8.7	2.6	8.2	2.5			2.5	.044	2.5	.044	13.2	4.0	8.8	2.7



## LANDING DATA - MODEL TA-4F USS ENTERPRISE (CVA-65) DAY LANDINGS

LNOG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE	PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV	OVER RAMP		FT	M	
			F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD		FT	M			
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
531	7.0	2.1	11.3	3.4	10.5	3.2	10.9	3.3			2.3	.040	3.1	.054	14.9	4.5	11.4	3.5
532	10.3	3.1	9.2	2.8	9.5	2.9	9.3	2.8			2.3	.040	3.0	.052	12.5	3.8	8.9	2.7
533	6.3	1.9	8.4	2.6	8.1	1.9	7.8	2.4			2.4	.042	2.0	.036	12.9	3.9	9.0	2.8
535	12.6	3.8	9.4	2.9	9.2	2.8	9.3	2.8	8.9	2.7	3.7	.065	2.9	.051	14.8	4.5	11.0	3.3
536	7.0	2.1	6.6	2.0	5.1	1.6	5.7	1.7			1.9	.033	1.7	.029	12.6	3.8	9.0	2.7
538	6.6	2.0	7.9	2.4	6.3	1.9	7.1	2.2	7.2	2.2	2.7	.048	2.4	.042	15.2	4.6	11.6	3.6
539	8.9	2.7	10.2	3.1	7.3	2.2	9.0	2.7			2.6	.045	1.9	.034	16.2	4.9	13.1	4.0
540	8.3	2.5	7.2	2.2	4.9	1.5	6.5	2.0			2.5	.043	1.9	.033	13.4	4.1	9.9	3.0
543	8.7	2.6	5.7	1.7	6.6	2.0	7.8	2.4			2.8	.048	2.0	.035	13.5	4.1	9.9	3.0
544	8.8	2.7	12.3	3.8	12.6	3.8	12.4	3.8			3.9	.069	3.5	.061	16.9	5.2	13.4	4.1
545	8.2	2.5	12.5	3.8	10.7	3.3	11.6	3.5			3.4	.059	3.1	.055	16.9	5.2	13.4	4.1
546	10.8	3.3	8.2	2.5	8.9	2.7	8.5	2.6			2.9	.050	2.4	.041	14.5	4.4	11.1	3.4
547	9.3	2.8	11.4	3.5	12.0	3.6	11.6	3.5			4.2	.073	3.8	.067	13.3	4.1	9.4	2.9
548	8.9	2.7	10.3	3.1	8.8	2.7	9.5	2.9			3.3	.058	2.9	.050	14.5	4.4	10.8	3.3
549	11.0	3.4	11.8	3.6	11.1	3.4	11.5	3.5			3.5	.062	4.1	.072	12.5	3.8	8.8	2.7
550	13.5	4.1	6.6	2.0	7.5	2.3	7.1	2.2	6.6	2.0	2.3	.040	1.7	.029	13.4	4.1	9.7	3.0
551	12.5	3.8	11.7	3.8	13.1	4.0	12.4	3.8			3.6	.063	3.2	.058	17.2	5.2	13.8	4.2
552	11.0	3.4	10.6	3.2	10.5	3.2	10.5	3.2	10.1	3.1	2.9	.050	3.4	.060	12.6	3.8	8.8	2.7
553	8.2	2.5	10.8	3.2	9.4	2.9	10.4	3.2			2.9	.050	3.1	.053	12.7	3.9	9.3	2.8
554	9.6	2.9	6.2	1.9	7.2	2.2	6.5	2.0	6.5	2.0	1.8	.032	1.4	.025	9.7	3.0	6.0	1.8
556	8.8	2.7	8.0	2.4	8.4	2.6	8.2	2.5			2.8	.049	2.8	.049	13.5	4.1	9.9	3.0
559	7.8	2.4	7.2	2.2	7.1	2.2	7.2	2.2			2.6	.046	2.3	.041	13.7	4.2	9.8	3.0
560	7.3	2.2	6.4	2.0	6.6	2.0	6.5	2.0	6.1	1.9	2.5	.044	1.9	.033	14.3	4.4	11.0	3.3
563	5.9	1.8	8.4	2.6	9.1	2.8	8.7	2.7			3.3	.058	3.7	.065	9.6	2.9	5.8	1.8
564	11.7	3.6	10.3	3.1	12.6	3.8	11.4	3.5			3.1	.054	3.1	.054				
565	10.9	3.3	8.2	2.5	9.0	2.7	8.6	2.6	9.0	2.8	2.8	.048	2.1	.036	11.1	3.4	7.4	2.3
567	8.6	2.6	8.5	2.6	8.3	2.5	8.3	2.5			3.0	.053	2.1	.036	13.5	4.1	10.2	3.1
568	11.2	3.4	4.7	1.4	3.4	1.0	4.1	1.2	3.8	1.2	1.6	.029	.7	.012	10.8	3.3	7.3	2.2
569	6.1	1.9	8.0	2.5	7.8	2.4	7.9	2.4			2.5	.043	2.1	.036	14.4	4.4	10.9	3.3
570	12.0	3.7	7.7	2.4	8.1	2.5	7.9	2.4	8.3	2.5	2.8	.048	2.5	.043	12.5	3.8	8.8	2.7
572	9.9	3.0	12.2	3.7	10.8	3.3	11.5	3.5			3.0	.052	3.2	.055	16.1	4.9	12.6	3.8
573	9.2	2.8	8.1	2.5	6.5	2.0	7.3	2.2			2.5	.044	2.1	.036	10.2	3.1	6.7	2.1
576	9.1	2.8	6.1	1.8	5.4	1.7	5.7	1.7	6.0	1.8	2.2	.038	1.5	.026	13.4	4.1	9.8	3.0
577	10.1	3.1	5.6	1.7	4.7	1.4	5.1	1.6	5.1	1.6	1.4	.025	.9	.016	11.0	3.4	7.4	2.3
579	8.1	2.5	6.7	2.0	6.8	2.1	6.7	2.0			3.0	.052	1.8	.032	15.4	4.7	12.1	3.7
580	9.7	3.0	7.3	2.2	6.5	2.0	7.0	2.1	7.2	2.2	2.7	.047	2.2	.038	14.5	4.4	11.2	3.4
582	9.1	2.8	7.9	2.4	7.3	2.2	7.6	2.3			2.7	.047	2.2	.038	14.5	4.4	11.2	3.4
583	10.6	3.2	11.6	3.5	10.5	3.2	10.9	3.3			2.2	.037	2.0	.035	11.5	3.5	7.6	2.3
585	9.7	3.0	6.8	2.1	6.8	2.1	6.8	2.1	7.3	2.2	2.1	.037	2.0	.035	11.5	3.5	7.6	2.3
586	9.4	2.9	10.6	3.2	10.5	3.2	10.6	3.2			2.9	.051	2.6	.045	14.8	4.5	11.7	3.6

## LANDING DATA - MODEL TA-4F

USS ENTERPRISE (CVN-65)

DAY LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN								GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT					
	NOSE				PORT				STBD		AVG		FREE-FLIGHT		BHM		BVV		OVER RAMP		OVER RAMP	
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40				
507	9.3	2.8	7.2	2.2	7.5	2.3	7.3	2.2	7.3	2.2	2.8	.048	2.0	.034	14.7	4.5	11.1	3.4				
508	8.3	2.5	7.8	2.4	7.2	2.2	7.5	2.3	8.3	2.5	3.0	.053	2.4	.042	15.9	4.8	11.8	3.6				
509	11.9	3.6	11.7	3.6	11.8	3.6	11.6	3.6	11.0	3.6	4.1	.072	3.4	.059	14.0	4.3	10.3	3.1				
501	7.4	2.2	7.3	2.2	8.1	2.5	7.7	2.3			2.3	.048	2.3	.039	13.9	4.2	10.3	3.1				
502	8.5	2.6	6.9	2.1	7.8	2.4	7.5	2.3			3.5	.062	2.2	.039	14.4	4.4	10.8	3.3				
737	5.8	1.8	9.6	2.9	10.9	3.3	10.2	3.1			3.0	.052	2.8	.049	15.6	4.8	11.9	3.6				
738	11.8	3.6	13.0	4.0	11.6	3.5	12.3	3.7			3.9	.068	3.8	.067	16.3	5.0	12.7	3.9				
740	13.0	4.0	13.2	4.0	13.7	4.2	13.5	4.1			4.2	.073	3.6	.063	15.8	4.8	12.7	3.9				
742	8.0	2.4	8.9	2.7	8.2	2.5	8.6	2.6			2.6	.045	2.2	.038	14.6	4.5	11.0	3.4				
743	5.4	1.7	8.3	2.5	7.2	2.2	7.8	2.4			2.7	.047	2.5	.043	11.9	3.6	8.1	2.5				
744	8.5	2.6	8.8	2.7	9.4	2.9	9.1	2.8			3.0	.052	2.4	.042	11.7	3.6	8.5	2.6				
746	9.4	2.9	8.7	2.6	8.6	2.6	8.7	2.6			3.4	.059	3.1	.054	13.0	4.0	9.1	2.8				
747	7.7	2.3	6.8	2.1	6.9	2.1	6.9	2.1			2.8	.049	1.8	.031	16.9	5.2	13.3	4.0				
749	6.9	2.1	10.6	3.2	9.6	2.9	10.2	3.1			3.1	.055	2.6	.046	18.3	5.6	14.7	4.5				
750	12.8	3.9	10.6	3.2	9.5	2.9	9.9	3.0	9.7	2.9	3.2	.055	2.9	.050	17.6	5.4	14.1	4.3				
751	10.6	3.2	8.4	2.6	9.3	2.8	8.9	2.7	9.0	2.7	2.8	.049	2.2	.039	14.4	4.4	11.1	3.4				
752	8.3	2.5	9.3	2.8	9.0	2.8	9.3	2.8			3.7	.064	2.7	.047	16.4	5.0	12.8	3.9				
753	10.6	3.2	8.4	2.6	9.4	2.9	8.9	2.7	8.9	2.7	3.3	.058	2.8	.050	18.2	5.5	14.7	4.5				
755	10.9	3.3	12.3	3.7	13.1	4.0	12.7	3.9			3.1	.055	3.6	.064	20.2	6.2	16.5	5.0				
756	12.0	3.7	10.9	3.3	13.1	4.0	12.0	3.7			3.4	.060	3.4	.059	16.7	5.1	12.9	3.9				
757	11.1	3.4	11.6	3.5	11.6	3.6	11.7	3.6			3.9	.069	3.6	.063	15.3	4.7	11.7	3.6				
758	11.1	3.4	12.0	3.6	10.3	3.2	11.1	3.4			3.5	.061	3.0	.053	20.1	6.1	16.8	5.1				
759	13.2	4.0	12.2	3.7	11.8	3.6	12.0	3.7			2.6	.045	3.1	.054	15.8	4.8	12.6	3.8				
760	9.9	3.0	9.1	2.8	8.9	2.7	8.8	2.7			2.6	.045	2.4	.042	14.4	4.4	10.9	3.3				
762	10.3	3.1	7.3	2.2	7.5	2.3	7.4	2.3	7.4	2.3	2.6	.046	2.3	.039	13.6	4.1	9.9	3.0				
763	9.9	3.0	6.3	1.9	6.5	2.0	6.4	2.0			2.3	.040	1.8	.032	12.3	3.7	8.6	2.6				
764	9.3	2.8	9.6	2.9	6.7	2.0	8.0	2.4			2.9	.050	2.4	.043	15.5	4.7	11.8	3.6				
765	9.9	3.0	12.6	3.8	13.2	4.0	12.8	3.9			3.7	.064	3.6	.063	19.9	6.1	16.1	4.9				
766	10.7	3.3	9.8	3.0	9.6	2.9	9.7	3.0			2.7	.047	2.4	.043	18.0	5.5	14.3	4.4				
767	11.9	3.6	10.9	3.3	10.6	3.2	10.7	3.3	10.9	3.3	3.2	.055	3.2	.056	18.8	5.7	15.2	4.6				
768	9.1	2.8	8.7	2.6	7.9	2.4	8.3	2.5			2.7	.047	2.6	.045	13.8	4.2	9.9	3.0				
769	10.6	3.2	10.3	3.1	9.9	3.0	10.1	3.1			3.0	.052	2.8	.048	18.4	5.6	15.0	4.6				
770	9.3	2.8	9.5	2.9	9.1	2.8	9.3	2.8			3.3	.057	2.5	.043	15.7	4.8	12.2	3.7				
771	12.9	3.9	8.5	2.6	8.1	2.5	8.1	2.5	8.3	2.5	3.2	.055	2.5	.043	12.4	3.8	8.8	2.7				
774	6.5	2.0	10.2	3.1	10.4	3.2	10.3	3.1			3.4	.060	2.6	.045	16.4	5.0	12.9	3.9				
777	9.7	3.0	6.9	2.1	8.9	2.7	7.9	2.4			2.6	.045	2.2	.038	10.0	3.0	6.5	2.0				
778	11.2	3.4	9.1	2.8	10.9	3.3	10.0	3.0	10.5	3.2	2.7	.047	2.5	.044	15.8	4.8	12.2	3.7				
779	13.8	4.2	14.0	4.3	13.8	4.2	13.9	4.2			4.6	.080	4.0	.070	16.1	4.9	12.6	3.9				
780	5.0	1.5	11.5	3.5	10.2	3.1	10.6	3.2			3.9	.069	3.1	.054	15.9	4.8	12.3	3.8				
781	12.1	3.7	11.6	3.5	11.6	3.5	11.5	3.5			3.2	.056	3.3	.058	20.3	6.2	16.6	5.1				

## LANDING DATA - MODEL TA-4F

USS ENTERPRISE (CVN-65)

DAY LANDINGS

LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP		
		F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
783	11.3	3.4	10.6	3.2	10.6	3.2	10.6	3.2	10.6	3.2	3.0	.052	3.4	.059	17.5	5.3	13.8	4.2
784	7.9	2.4	6.5	2.0	7.0	2.1	6.8	2.1	6.8	2.1	2.3	.041	1.5	.026	12.0	3.7	8.6	2.6
785	11.5	3.5	9.8	3.0	7.6	2.3	8.7	2.7	8.7	2.6	3.2	.056	2.7	.047	16.5	5.0	13.1	4.0
786	7.6	2.3	7.4	2.3	8.9	2.7	8.1	2.5		2.6	2.7	.047	2.1	.037	14.0	4.3	10.1	3.1
787	9.8	3.0	8.7	2.6	9.2	2.8	8.9	2.7		2.7	2.7	.047	2.4	.042	14.6	4.5	11.2	3.4
783	12.0	3.7	7.7	2.4	9.1	2.8	8.4	2.6		2.7	2.7	.047	2.0	.035	15.2	4.6	11.7	3.6
794	9.2	2.8	7.5	2.3	7.9	2.4	7.7	2.3		2.7	2.7	.046	2.0	.035	17.0	5.2	13.4	4.1
795	8.1	2.5	8.8	2.7	8.8	2.7	8.8	2.7		3.2	3.2	.055	2.5	.043	12.8	3.9	9.1	2.8
796	4.8	1.5	11.0	3.3	9.6	3.0	10.4	3.2		3.2	3.2	.055	2.4	.042	17.8	5.4	14.1	4.3
797	8.3	2.5	6.6	2.0	6.1	1.9	6.3	1.9		2.1	2.1	.037	1.6	.028	11.3	3.4	7.4	2.3
798	6.6	2.0	8.8	2.7	9.2	2.8	8.9	2.7		3.2	3.2	.055	2.7	.047	17.1	5.2	13.1	4.0
799	1.4	.4	9.3	2.8	10.1	3.1	10.1	3.1		3.6	3.6	.064	3.2	.056	17.9	5.5	14.1	4.3
800	8.7	2.6	7.9	2.4	7.4	2.2	7.6	2.3		2.1	2.1	.037	1.9	.034	11.9	3.6	8.5	2.6
801	10.6	3.2	7.6	2.3	8.9	2.7	8.2	2.5		2.8	2.8	.049	2.6	.045	16.8	5.1	13.2	4.0
802	9.6	2.9	12.0	3.9	13.0	4.0	13.5	4.1		4.3	4.3	.075	4.3	.075	16.6	5.1	13.1	4.0
803	8.1	2.5	9.7	3.0	7.7	3.4	10.4	3.2		3.0	3.0	.053	2.6	.049	15.4	4.7	11.9	3.6
804	8.8	2.7	6.8	2.0	7.7	2.4	7.6	2.3	8.7	2.6	3.0	.052	2.2	.039	15.6	4.8	12.3	3.7
805	9.9	3.0	11.0	3.5	11.6	3.5	11.6	3.5		3.1	3.1	.054	3.0	.053	16.2	4.9	12.8	3.9
806	11.7	3.6	6.6	2.0	8.0	2.4	7.3	2.2	8.5	2.0	2.4	.043	1.9	.032	14.9	4.5	11.3	3.4
807	8.5	2.6	9.3	2.8	10.0	3.0	9.8	2.9		3.6	3.6	.063	2.8	.049	14.5	4.4	10.9	3.3
810	11.4	3.5	13.2	4.4	12.6	3.8	12.9	3.9		3.9	3.9	.068	3.7	.065	17.0	5.2	13.6	4.1
811	9.5	2.9	10.3	3.1	10.2	3.1	10.1	3.1		3.1	3.1	.055	2.6	.045	18.7	5.7	15.1	4.6
812	10.5	3.2	8.7	2.6	8.5	2.6	8.6	2.6	8.9	2.7			2.0	.035				
813	7.0	2.1	7.8	2.4	6.8	2.1	7.5	2.3		3.3	3.3	.057	2.2	.038	14.5	4.4	10.5	3.2
815	8.7	2.6	8.4	2.6	7.0	2.1	7.7	2.4		2.8	2.8	.048	2.2	.038	13.0	4.0	9.4	2.9
816	6.9	2.1	10.7	3.3	8.1	2.5	9.4	2.9		2.0	2.0	.045	2.4	.042	11.3	3.4	7.0	2.3
818	12.5	3.8	8.4	2.6	9.0	2.7	8.7	2.7	8.7	2.7	3.4	.060	2.7	.047	17.8	5.4	14.0	4.3
819	7.7	2.4	8.0	2.4	6.6	2.0	7.7	2.3		2.7	2.8	.049	1.7	.030	15.1	4.6	11.4	3.5
820	3.2	1.0	9.8	3.0	9.7	2.9	9.7	3.0		3.0	3.0	.052	2.7	.047	19.2	5.1	6.7	2.0
821	13.4	4.1	12.2	3.7	12.9	3.9	12.5	3.8		3.8	3.8	.073	3.7	.064	18.2	5.5	14.6	4.5
822	7.8	2.4	8.4	2.6	10.4	3.2	9.3	2.8		3.3	3.3	.057	2.7	.047	14.5	4.4	11.1	3.4
823	10.1	3.1	11.5	3.5	10.3	3.1	11.1	3.4		3.8	3.8	.066	3.1	.055	18.6	5.7	14.9	4.5
824	13.5	4.1	13.0	4.0	12.0	3.7	12.5	3.6	13.0	4.0	3.8	.066	3.4	.059	29.6	6.3	17.2	5.2
825	7.2	2.2	10.5	3.2	10.2	3.1	10.3	3.2		3.0	3.0	.053	3.1	.053	13.7	4.2	10.2	3.1
826	7.4	2.3	8.3	2.5	7.7	2.4	8.0	2.4		2.9	2.9	.051	2.3	.039	12.1	3.7	8.6	2.6
828	12.8	3.9	12.2	3.7	12.3	3.7	12.8	3.9	13.0	3.9	4.2	.074	4.3	.074	19.6	6.0	15.8	4.8
829	11.2	3.4	13.2	4.0	13.9	4.2	14.0	4.3		4.1	4.1	.072	3.8	.066	16.2	4.9	12.7	3.9
830	8.9	2.7	7.7	2.4	6.5	2.0	7.1	2.2		2.7	2.7	.048	2.2	.039	11.9	3.6	8.0	2.5
831	9.3	2.8	9.5	2.9	12.9	3.9	10.9	3.3		3.5	3.5	.061	2.8	.048	15.0	4.6	11.4	3.5
832	10.9	3.3	12.4	3.8	11.3	3.4	11.8	3.6		3.7	3.7	.064	2.8	.048	19.5	5.9	16.3	5.0

## LANDING DATA - MODEL TA-4F

USS ENTERPRISE (CVN-65)

DAY LANDINGS

LNCG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT		
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVV		OVER RAMP			
		F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
833	12.7	3.9	12.3	3.8	12.0	3.7	12.2	3.7	3.7			3.7	.064	3.7	.065	14.9	4.5	11.4	3.5
834	8.7	2.7	9.2	2.8	9.2	2.8	9.2	2.8	2.8			3.2	.055	2.5	.044	15.4	4.7	12.1	3.7
839	15.8	4.8	9.5	2.9	9.0	2.7	9.3	2.8	2.8	1.2	.4	3.2	.056	2.5	.044	13.0	4.0	9.2	2.8
840	12.1	3.7	9.0	2.8	9.0	2.8	9.0	2.8	2.8	8.7	2.7	2.7	.048	2.7	.047	14.7	4.5	10.7	3.3
841	8.2	2.5	9.5	2.9	10.7	3.3	10.1	3.1	3.1			3.0	.052	3.1	.054	14.0	4.3	10.2	3.1
842	6.4	1.9	7.2	2.2	7.1	2.2	7.3	2.2	2.2			2.6	.046	1.9	.034	11.0	3.4	6.9	2.1
843	8.8	2.7	8.8	2.7	8.4	2.5	8.7	2.7	2.7			2.7	.048	2.3	.040	14.3	4.4	10.4	3.2
844	9.4	2.9	11.6	3.5	10.0	3.0	10.9	3.3	3.3			3.6	.063	3.5	.061	16.0	4.9	12.1	3.7
845	11.3	3.5	9.5	2.9	9.3	2.8	9.4	2.9	2.9			3.5	.061	2.8	.049	16.2	4.9	12.5	3.8
847	11.5	3.5	9.6	2.9	9.0	2.7	9.6	2.9	2.9			3.3	.057	2.6	.046	14.7	5.1	13.0	4.0
848	8.9	2.7	9.7	3.0	9.9	3.0	9.8	3.0	3.0			3.1	.055	2.8	.048	16.7	5.1	13.1	4.0
849	10.4	3.2	7.9	2.4	7.7	2.3	7.8	2.4	2.4			3.1	.054	2.5	.043	14.9	4.5	11.1	3.4
851	10.4	3.2	9.8	3.0	11.6	3.5	10.7	3.3	3.3			3.8	.067	2.6	.046	20.1	6.1	16.7	5.1
852	9.5	2.9	9.5	2.9	10.7	3.2	10.1	3.1	3.1			3.1	.054	2.7	.047	11.8	3.6	7.9	2.4
853	9.0	2.7	9.7	3.0	10.0	3.0	9.8	3.0	3.0			3.5	.062	3.1	.053	14.9	4.5	11.1	3.4
854	7.0	2.1	8.1	2.5	8.1	2.5	8.1	2.5	2.5			2.8	.049	2.7	.047	12.4	3.8	8.3	2.5
855	8.9	2.7	6.5	2.0	6.0	1.8	6.3	1.9	1.9	6.3	1.9	2.0	.035	1.7	.029	12.9	3.9	9.2	2.8
856	13.9	4.2	12.5	3.8	12.4	3.8	12.5	3.8	3.8		6.3	4.1	.071	4.0	.071	13.7	4.2	9.9	3.0
857	8.2	2.5	9.9	3.0	8.0	2.4	9.5	2.9	2.9			4.0	.069	3.5	.061	10.7	3.3	6.7	2.1
858	8.8	2.7	12.7	3.9	10.8	3.3	11.8	3.6	3.6			4.3	.074	3.7	.065	13.7	4.2	10.0	3.1
862	9.7	2.9	8.9	2.7	10.1	3.1	9.5	2.9	2.9			2.7	.048	3.0	.052	14.0	4.3	10.2	3.1
864	9.7	3.0	9.0	2.7	8.9	2.7	8.7	2.6	2.6			3.2	.055	2.6	.046	15.7	4.8	11.9	3.6
865	11.9	3.6	6.7	2.0	7.6	2.3	7.1	2.2	2.2	7.8	2.4	3.4	.059	2.4	.041	12.3	3.7	8.6	2.6
867	11.5	3.5	12.1	3.7	10.5	3.2	11.6	3.5	3.5			3.7	.064	3.3	.058	18.4	5.6	14.9	4.5
868	11.4	3.5	11.2	3.4	9.8	3.0	10.5	3.2	3.2			3.3	.057	3.0	.052	18.1	5.5	14.3	4.4
870	12.9	3.9	12.8	3.9	11.4	3.5	12.3	3.7	3.7			3.5	.061	3.1	.054	18.7	5.7	15.6	4.8
871	9.5	2.9	8.9	2.7	8.1	2.5	8.5	2.6	2.6			2.9	.050	2.4	.043	13.4	4.1	9.8	3.0
872	9.6	2.9	6.7	2.0	5.6	1.7	6.1	1.9	1.9	6.6	2.0	2.5	.044	1.6	.028	11.7	3.6	8.3	2.5
873	13.4	4.1	12.0	3.7	12.7	3.9	12.2	3.7	3.7			3.3	.058	3.2	.056	18.2	5.5	14.8	4.5
875	12.6	3.9	12.1	3.7	12.0	3.7	12.1	3.7	3.7			3.3	.058	3.6	.062	15.6	4.8	12.3	3.7
876	9.9	3.0	4.6	1.4	3.9	1.2	4.3	1.3	1.3	4.8	1.4	2.1	.037	1.2	.020	8.6	2.6	5.0	1.5
877	9.2	2.8	9.3	2.8	9.5	2.9	9.5	2.9	2.9			3.2	.057	2.7	.047	16.7	5.1	13.1	4.0
878	13.5	4.1	12.8	3.9	11.9	3.6	12.2	3.7	3.7			3.9	.068	3.8	.066	20.6	6.3	17.0	5.2
935	9.2	2.8	10.4	3.2	9.7	2.9	10.3	3.1	3.1			3.3	.057	2.9	.051	19.3	5.9	15.7	4.8
937	11.8	3.6	12.8	3.9	12.6	3.8	12.6	3.8	3.8			4.0	.069	3.7	.064	21.5	6.6	17.8	5.4
938	8.6	2.6	12.8	3.9	12.7	3.9	13.2	4.0	4.0			3.6	.063	3.7	.064	19.7	6.0	16.1	4.9
940	8.8	2.7	10.4	3.2	11.1	3.4	11.1	3.4	3.4			3.6	.063	3.4	.058	18.1	5.5	14.2	4.3
941	9.3	2.8	12.4	3.8	10.5	3.2	11.3	3.4	3.4			3.5	.061	3.4	.059	19.8	6.0	16.1	4.9
942	11.4	3.5	12.5	3.8	12.5	3.8	12.5	3.8	3.8			3.8	.067	4.0	.070	24.2	7.4	20.7	6.3
946	11.8	3.6	10.2	3.1	9.7	3.0	9.7	3.0	3.0	10.2	3.1	3.0	.052	2.8	.048	15.6	4.8	11.9	3.6

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)				DAY LANDINGS				
LNOG	AIRCRAFT SINKING SPEED AT TOUCHDOWN								GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT			
	NO	NOSE	F/S	M/S	PORT	STBD	AVG	FREE-FLIGHT	BHW	DEC	RAD	DEC	RAD	FT	M	FT	M	
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
947	9.0	2.8	11.2	3.4	11.4	3.5	11.6	3.5		3.3	.057	3.8	.066	16.9	5.2	13.1	4.0	
948	7.2	2.2	8.9	2.7	8.7	2.6	8.8	2.7		2.5	.044	2.2	.039	13.8	4.2	10.2	3.1	
950	11.4	3.5	14.2	4.3	13.9	4.2	14.1	4.3		3.7	.065	3.8	.066	18.0	5.5	14.4	4.4	
952	10.9	3.3	9.0	2.8	5.8	1.6	9.5	2.9		3.1	.054	2.9	.050	14.2	4.3	10.4	3.2	
954	12.6	3.8	11.7	3.6	13.3	4.1	12.9	3.9		4.3	.075	3.7	.064	20.6	6.3	17.0	5.2	
955	9.7	3.0	10.2	3.1	9.1	2.8	9.8	2.9		3.0	.053	2.8	.048	18.0	5.5	14.5	4.4	
956	10.1	3.1	9.5	2.9	10.6	3.2	9.4	2.9		2.9	.050	2.4	.042	15.5	4.7	11.6	3.5	
957	14.1	4.3	13.8	4.2	12.6	3.8	13.4	4.1		3.2	.056	3.7	.064	22.0	6.7	18.2	5.5	
958	14.4	4.4	13.6	4.1	13.0	4.0	13.1	4.0		3.1	.054	3.4	.059	19.3	5.9	15.6	4.7	
959	11.8	3.6	12.3	3.7	13.9	4.2	13.1	4.0	13.0	4.0	.068	4.3	.075	15.4	4.7	11.5	3.5	
960	10.6	3.2	10.4	3.2	9.9	3.0	10.4	3.2		2.7	.048	2.9	.051	17.8	5.4	14.4	4.4	
962	10.2	3.1	9.4	2.9	10.1	3.1	9.8	3.0		2.7	.044	2.7	.047	17.2	5.2	13.6	4.2	
963	10.1	3.1	9.2	2.8	8.2	2.5	8.7	2.7	9.0	2.7	.044	2.0	.035	14.3	4.4	11.1	3.4	
964	11.1	3.4	8.0	2.5	8.1	2.5	7.8	2.4	7.5	2.3	.050	2.4	.042	13.4	4.1	9.6	2.9	
966	11.5	3.5	12.7	3.9	11.7	3.6	12.2	3.7		4.0	.070	3.6	.063	23.0	7.0	19.4	5.9	
967	10.8	3.3	9.4	2.9	8.6	2.6	9.2	2.8		3.0	.052	2.8	.048	17.3	5.3	13.5	4.1	
968	8.7	2.7	8.3	2.5	7.7	2.4	8.0	2.4		2.7	.047	2.3	.040	13.8	4.2	10.2	3.1	
969	11.0	3.3	13.6	4.1	13.3	4.0	13.4	4.1		4.0	.070	4.1	.071	23.7	7.2	20.1	6.1	
970	12.6	3.8	12.8	3.9	12.1	3.7	12.5	3.8		3.3	.057	3.7	.065	19.8	6.0	15.9	4.9	
971	9.6	2.9	11.6	3.5	9.2	2.8	10.4	3.2		2.9	.050	2.7	.047	15.3	4.7	11.8	3.6	
972	9.3	2.8	8.5	2.6	7.3	2.2	6.9	2.1	11.2	3.4	.041	1.8	.031	16.1	4.9	12.4	3.8	
973	12.0	3.6	11.0	3.3	10.9	3.3	10.9	3.3		3.4	.060	3.5	.061	16.0	4.9	12.1	3.7	
974	10.7	3.2	12.7	3.9	14.1	4.3	13.4	4.1		3.7	.065	3.6	.062	18.8	5.1	13.3	4.1	
975	7.2	2.2	12.3	3.7	13.6	4.1	13.2	4.0		3.7	.065	3.2	.056	22.2	6.8	18.5	5.6	
976	11.2	3.4	10.6	3.2	10.2	3.1	10.4	3.2		2.4	.042	2.6	.045	16.2	4.9	12.7	3.9	
977	8.6	2.9	10.9	3.3	7.2	2.2	9.0	2.7		2.8	.049	2.5	.044	18.3	5.6	14.6	4.5	
980	4.6	1.4	11.4	3.5	11.9	3.6	12.0	3.7		3.7	.064	3.2	.056	18.5	5.0	13.2	4.0	
981	8.9	2.1	10.6	3.2	9.5	2.8	10.3	3.1		3.5	.061	2.8	.049	18.9	5.8	15.2	4.6	
982	13.7	4.2	13.0	4.0	12.6	3.8	12.8	3.9		4.3	.076	3.8	.067	17.6	5.4	13.8	4.2	
983	11.6	3.5	11.9	3.6	11.9	3.6	11.8	3.6		3.1	.054	3.1	.055	15.7	4.8	12.3	3.7	
985	14.2	4.3	11.2	3.4	10.1	3.1	12.6	3.8		4.3	.076	3.7	.064	17.8	5.4	14.2	4.3	
987	11.4	3.5	13.3	4.1	10.1	3.1	12.0	3.7	9.1	2.8	.055	3.0	.052	19.9	6.1	16.3	5.0	
988	11.1	3.4	8.7	2.6	9.2	2.8	9.0	2.7		3.2	.047	2.6	.046	14.9	4.5	11.3	3.5	
989	12.3	3.7	12.7	3.9	12.5	3.8	12.6	3.8		3.6	.063	3.6	.062	18.3	5.6	15.1	4.6	
990	8.2	2.5	8.8	2.7	8.6	2.6	8.8	2.7		2.5	.043	2.2	.039	15.0	4.6	11.3	3.4	
995	8.5	2.6	11.2	3.4	9.7	3.0	10.7	3.3		3.5	.061	3.1	.055	13.4	4.1	9.9	3.0	
996	11.5	3.5	12.7	3.9	10.3	3.1	11.5	3.5		3.4	.059	2.8	.048	21.6	6.6	18.5	5.6	
998	13.8	4.2	14.8	4.5	12.8	3.9	14.0	4.3		3.7	.064	3.8	.067	20.2	6.2	16.8	5.1	
999	12.0	3.7	11.8	3.6	11.9	3.6	11.9	3.6	11.9	3.6	.051	3.0	.053	12.6	3.8	8.9	2.7	
1000	11.1	3.4	12.0	3.7	11.1	3.4	11.5	3.5		4.0	.069	3.6	.063	22.1	6.7	18.4	5.6	

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)				DAY LANDINGS					
LNO	AIRCRAFT SINKING SPEED AT TOUCHDOWN								GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT				
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BMW		BVW		OVER RAMP				
NO	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M	
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
1001	10.9	3.3	12.1	3.7	11.0	3.6	12.0	3.7			4.2	.073	3.5	.060	15.0	4.6	11.6	3.5	
1002	10.1	3.1	8.4	2.6	6.9	2.1	7.4	2.2			2.2	.039	2.1	.037	13.6	4.1	9.8	3.0	
1003	6.8	2.1	9.4	2.9	7.5	2.3	8.9	2.7			3.4	.059	2.7	.046	12.6	3.8	8.7	2.7	
1004	10.7	3.2	10.2	3.1	9.9	3.0	10.0	3.0			3.1	.054	2.6	.045	14.3	4.4	11.1	3.4	
1006	12.6	3.9	6.8	2.1	5.7	1.7	6.4	2.0	6.7	2.0	2.8	.049	2.0	.035	13.4	4.1	9.4	2.9	
1008	13.2	4.0	8.2	2.5	8.7	2.7	8.5	2.6	8.4	2.6	3.2	.055	2.5	.043	14.9	4.5	11.1	3.4	
1009	13.4	4.1	14.5	4.4	13.5	4.1	14.1	4.3			4.3	.075	4.1	.071	20.4	6.2	17.0	5.2	
1011	9.0	2.7	8.4	2.6	8.6	2.6	8.5	2.6			2.7	.047	2.1	.036	17.5	5.3	13.9	4.2	
1012	11.8	3.6	8.5	2.6	8.9	2.7	8.7	2.7	9.0	2.7	3.1	.054	2.5	.044	13.0	4.0	9.2	2.8	
1013	10.3	3.1	8.3	2.5	7.5	2.3	7.9	2.4			3.0	.052	2.4	.042	17.2	5.2	13.6	4.2	
1014	13.2	4.0	12.7	3.9	11.7	3.6	12.2	3.7	12.5	3.8	3.8	.066	3.5	.061	20.2	6.2	16.7	5.1	
1016	13.0	4.0	12.6	3.8	13.3	4.1	13.2	4.0			4.2	.073	3.7	.064	13.3	4.1	10.0	3.0	
1017	11.5	3.5	8.2	2.5	8.4	2.5	8.1	2.5	7.9	2.4	2.5	.044	2.2	.039	12.2	3.7	8.4	2.6	
1018	7.5	2.3	9.1	2.8	8.7	2.6	8.9	2.7			2.6	.045	2.6	.045	13.1	4.0	9.6	2.9	
1019	10.2	3.1	9.9	3.0	9.1	2.8	9.5	2.9			2.8	.049	2.3	.039	17.4	5.3	13.8	4.2	
1020	11.3	3.4	10.6	3.2	10.7	3.2	10.6	3.2			2.5	.043	2.5	.044	14.1	4.3	10.9	3.3	
1021	6.9	2.1	8.1	2.5	7.4	2.3	8.0	2.4			2.5	.043	1.9	.032	15.8	4.8	12.4	3.8	
1023	10.0	3.0	10.5	3.2	10.0	3.1	10.7	3.2	11.7	3.6	3.3	.052	2.5	.044	18.6	5.7	15.2	4.6	
1025	12.9	3.9	11.2	3.4	10.2	3.1	10.7	3.3	11.7	3.6	3.3	.058	2.7	.047	14.0	4.3	10.7	3.3	
1027	11.6	3.5	13.4	4.1	10.3	3.1	12.0	3.7			3.6	.063	3.8	.066	19.4	5.9	15.8	4.8	
1031	5.3	1.6	9.1	2.6	7.9	2.4	8.5	2.6			2.6	.046	2.0	.035	12.8	3.9	9.3	2.8	
1033	8.1	2.5	11.8	3.6	11.4	3.5	11.6	3.5			2.9	.050	2.5	.044	19.4	5.6	16.3	5.0	
1034	16.3	5.0	15.6	4.8	14.6	4.4	15.1	4.6			3.7	.064	4.0	.070	22.4	6.8	18.8	5.7	
1035	12.0	3.6	12.3	3.7	11.7	3.6	12.0	3.7			3.4	.059	3.0	.053	18.1	5.5	14.9	4.5	
1036	15.6	4.8	15.0	4.6	14.3	4.3	14.6	4.5	15.0	4.6	3.9	.068	4.3	.074	21.7	6.6	17.9	5.5	
1037	15.4	4.7	15.7	4.8	12.6	3.9	14.6	4.4	15.8	4.6	4.8	4.3	.075	3.7	.064	21.1	6.4	17.5	5.3
1038	16.0	4.9	16.9	5.2	16.2	4.9	16.9	5.2			4.6	.080	4.3	.076	20.9	6.4	17.5	5.3	
1039	12.4	3.8	13.8	4.2	11.6	3.5	13.0	4.0			4.1	.072	3.3	.058	25.7	7.8	22.3	6.8	
1040	14.1	4.3	15.2	4.6	14.2	4.3	14.7	4.5			4.2	.074	3.7	.065	19.0	5.8	15.5	4.7	
1041	12.8	3.9	13.3	4.0	12.5	3.8	13.2	4.0			4.0	.070	4.1	.072	18.6	5.1	12.9	3.9	
1042	9.0	2.7	10.3	3.1	8.6	2.9	9.6	2.9			4.2	.073	2.8	.050	20.5	6.2	17.2	5.2	
1043	12.4	3.8	13.8	4.2	13.1	4.0	13.5	4.1			3.1	.054	3.4	.058	18.2	5.5	15.2	4.6	
1045	16.1	4.9	17.9	5.4	16.7	5.1	18.0	5.5			4.4	.077	4.5	.079	14.3	4.4	11.0	3.3	
1046	13.1	4.0	13.5	4.1	12.4	3.8	13.1	4.0			4.2	.073	3.6	.063	21.6	6.6	18.5	5.6	
1048	12.9	3.9	12.2	3.7	11.1	3.4	11.8	3.6	12.2	3.7	3.7	.064	3.2	.056	23.6	7.2	19.9	6.1	
1049	12.5	3.8	12.7	3.9	10.1	3.1	11.1	3.4			3.5	.062	2.8	.049	20.7	6.3	17.1	5.2	
1050	16.8	5.1	16.7	5.1	15.7	4.8	15.9	4.8	15.9	4.8	4.5	.078	4.4	.078	17.0	5.2	13.4	4.1	
1051	8.0	2.1	9.1	2.8	7.8	2.4	8.5	2.6			2.7	.048	2.4	.041	13.8	4.2	9.9	3.0	
1054	6.6	2.4	7.0	2.1	5.9	1.8	6.1	1.9			2.1	.036	1.3	.023	12.4	3.8	9.0	2.7	
1055	10.4	3.2	9.2	2.8	9.7	2.9	9.5	2.9	9.9	3.0	3.0	.052	2.6	.045	17.7	5.4	14.6	4.4	

## LANDING DATA - MODEL TA-4F

USS ENTERPRISE (CVN-65)

DAY LANDINGS

LNOG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BVW		OVER RAMP		
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1056	11.5	3.5	14.1	4.3	11.8	3.6	13.0	4.0			3.9	.068	3.8	.067	22.7	6.9	19.1	5.8
1057	13.6	4.1	13.7	4.2	13.5	4.1	13.6	4.1			4.1	.072	3.5	.062	21.2	6.5	17.5	5.3
1058	9.9	3.0	9.9	3.0	7.9	2.4	9.0	2.7			3.2	.056	2.7	.047	15.7	4.8	12.5	3.8
1059	7.9	2.4	8.1	2.5	7.3	2.2	7.7	2.3			3.1	.053	1.8	.031	18.9	5.8	15.6	4.8
1060	14.1	4.3	13.9	4.2	14.0	4.3	14.5	4.4			4.4	.077	4.1	.072	14.5	4.4	11.3	3.5
1061	11.0	3.3	11.4	3.5	9.2	2.8	10.3	3.1			2.4	.042	2.5	.043	14.3	4.4	10.8	3.3
1062	8.7	2.7	11.0	3.4	11.6	3.5	11.3	3.4			4.1	.072	3.3	.058	14.5	4.4	11.4	3.5
1063	10.5	3.2	11.4	3.5	11.3	3.5	11.4	3.5			4.0	.069	3.2	.056	20.3	6.2	16.7	5.1
1064	11.2	3.4	8.9	2.7	10.2	3.1	8.9	2.7			2.9	.051	2.5	.043	13.6	4.1	10.2	3.1
1065	11.3	3.4	9.6	2.9	8.6	2.6	9.1	2.8	9.2	2.8	2.3	.040	2.2	.039	15.3	4.7	12.0	3.7
1066	14.0	4.3	11.9	3.6	11.2	3.4	11.5	3.5			3.1	.054	3.0	.052	17.5	5.3	13.7	4.2
1067	8.1	2.5	9.9	3.0	10.4	3.2	10.1	3.1			3.4	.060	2.7	.047	14.9	4.5	11.8	3.6
1068	10.8	3.3	12.6	3.8	13.2	4.0	13.0	4.1			4.2	.073	3.7	.064	20.9	6.4	17.8	5.4
1069	10.8	3.3	9.8	3.0	9.8	3.0	9.8	3.0			2.7	.048	2.5	.043	18.4	5.6	15.5	4.7
1070	7.8	2.4	9.9	3.0	9.8	3.0	9.9	3.0			3.0	.053	2.6	.046	14.7	4.5	11.3	3.4
1071	7.1	2.2	7.1	2.1	8.4	2.6	8.5	2.6			3.3	.057	2.4	.042	13.3	4.1	10.0	3.0
1072	8.1	2.5	9.0	2.7	9.3	2.8	9.2	2.8			2.8	.048	2.6	.045	14.8	4.5	11.3	3.4
1073	12.0	3.6	11.0	3.4	11.7	3.6	11.2	3.4			3.4	.060	3.8	.066	19.4	5.9	15.6	4.8
1075	12.4	3.8	10.9	3.3	9.9	3.0	10.4	3.2	10.7	3.3	2.8	.050	2.5	.044	16.0	4.9	12.6	3.9
1078	9.6	2.9	12.8	3.9	13.7	4.2	13.3	4.0			3.3	.057	4.0	.069	14.9	4.5	11.3	3.4
1079	8.7	2.7	8.2	1.9	7.2	2.2	6.7	2.0			2.2	.038	2.1	.037	12.3	3.7	8.6	2.6
1080	10.8	3.3	11.5	3.5	12.0	3.7	11.7	3.6			2.9	.050	2.6	.046	15.0	4.6	11.6	3.5
1082	13.0	4.0	13.0	4.0	11.7	3.6	12.6	3.8			3.3	.058	3.6	.063	19.7	6.0	16.3	5.0
1083	7.4	2.2	9.2	2.8	8.6	2.6	8.9	2.7			3.0	.052	2.4	.042	15.0	4.6	11.5	3.5
1084	12.7	3.9	9.8	3.0	8.7	2.7	9.2	2.8	9.0	2.7	2.9	.051	2.3	.040	12.4	3.8	8.9	2.7
1085	12.8	3.9	13.2	4.0	11.7	3.6	12.9	3.9			3.6	.062	3.8	.066	19.2	5.9	15.4	4.7
1086	12.4	3.8	15.5	4.7	11.7	3.6	13.6	4.2					4.1	.071				
1087	10.2	3.1	10.8	3.3	9.9	3.0	10.5	3.2			3.7	.064	2.9	.050	12.4	3.8	8.9	2.7
1089	13.4	4.1	8.9	2.7	8.5	2.6	8.7	2.6	8.7	2.6	2.6	.050	2.8	.050	10.4	3.2	6.7	2.0
1090	15.0	4.7	10.1	4.9	15.7	4.8	16.1	4.9			4.1	.072	4.5	.078	21.5	6.6	18.1	5.5
1091	11.8	3.6	12.0	3.7	11.7	3.6	11.9	3.6			3.8	.066	3.8	.066	16.6	5.1	12.9	3.9
1092	9.0	2.7	11.6	3.5	10.2	3.1	10.9	3.3			3.2	.057	2.7	.048	16.7	5.1	13.4	4.1
1093	12.6	3.8	13.2	4.0	12.0	3.6	12.6	3.8			3.5	.062	3.3	.057	16.6	5.1	12.8	3.9
1094	13.9	4.2	14.4	4.4	14.3	4.4	14.3	4.4			3.4	.059	3.6	.062	19.0	5.8	15.8	4.8
1095	10.4	3.2	7.1	2.2	8.4	2.6	7.8	2.4	9.6	2.9	2.2	.039	1.6	.029	15.9	4.8	12.5	3.8
1212	8.8	2.7	8.0	2.4	8.1	2.5	8.2	2.5			2.3	.040	1.9	.033	14.2	4.3	10.3	3.1
1213	13.0	3.9	12.7	3.9	11.1	3.4	11.8	3.6			3.8	.066	2.9	.051	23.0	7.0	19.2	5.8
1214	6.7	2.0	11.9	3.6	11.9	3.6	11.8	3.6			3.5	.060	3.3	.057	15.0	4.6	11.3	3.4
1215	4.0	1.2	10.0	3.0	9.5	2.9	9.7	3.0			3.0	.052	2.9	.050	13.5	4.1	9.6	2.9
1216	10.3	3.2	9.9	3.0	9.6	2.9	9.8	3.0			2.7	.047	2.8	.048	12.5	3.8	8.9	2.7

UNDG	LANDING DATA - MODEL TA-4F								USS ENTERPRISE (CVN-65)				DAY LANDINGS							
	AIRCRAFT SINKING SPEED AT TOUCHDOWN								GLIDE PATH ANGLE AT TD				WHEEL HEIGHT				HOOK HEIGHT			
	NO	NOSE	PORT		STBD		AVG		FREE-FLIGHT		BHW		BW		OVER RAMP		OVER RAMP			
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M		
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
1217	13.2	4.0	16.2	4.9	15.2	4.6	15.7	4.8			3.5	.061	4.5	.078	20.2	6.2	16.6	5.1		
1219	9.6	2.9	8.1	2.5	7.6	2.3	7.7	2.4			2.8	.049	2.1	.037	11.1	3.4	7.2	2.2		
1220	10.8	3.3	9.7	3.0	10.3	3.1	10.0	3.0					2.4	.041						
1221	9.5	2.9	7.8	2.4	6.4	1.9	7.0	2.1			2.4	.043	1.8	.032	11.1	3.4	7.5	2.3		
1222	8.6	2.7	8.5	2.6	7.4	2.3	8.0	2.4			2.9	.050	2.3	.040	18.4	5.6	15.1	4.6		
1223	8.9	2.7	8.9	2.7	9.2	2.8	9.0	2.7	9.8	3.0	2.0	.036	2.2	.038	11.4	3.5	8.0	2.4		
1224	9.7	2.9	8.8	2.7	8.7	2.6	8.9	2.7			2.8	.049	2.5	.043	18.1	5.5	14.6	4.5		
1225	12.0	3.7	11.0	3.3	11.1	3.4	11.3	3.4			3.0	.053	3.2	.056	20.2	6.2	16.7	5.1		
1226	12.2	3.7	14.3	4.4	12.8	3.9	13.9	4.2			4.1	.071	4.1	.072	22.1	6.7	18.5	5.6		
1227	13.0	4.0	17.7	5.4	17.2	5.2	17.4	5.3			5.0	.087	5.5	.096	29.6	9.0	25.7	7.8		
1228	13.5	4.1	15.6	4.8	15.1	4.6	15.4	4.7			4.4	.076	4.7	.082	20.4	6.2	16.7	5.1		
1229	10.3	3.1	10.7	3.3	10.1	3.1	10.4	3.2			2.7	.046	2.7	.048	15.4	4.7	11.9	3.6		
1231	11.6	3.5	12.3	3.8	11.8	3.6	12.1	3.7	12.1	3.7	3.2	.056	3.6	.062	21.4	6.5	18.0	5.5		
1232	11.8	3.6	11.5	3.5	11.6	3.5	11.6	3.5			3.1	.053	3.0	.053	22.1	6.7	18.5	5.6		
1235	11.0	3.3	11.1	3.4	11.0	3.3	11.1	3.4			2.9	.051	2.9	.051	18.5	5.6	15.0	4.6		
1237	8.1	2.5	9.5	2.9	9.6	2.9	9.9	3.0			3.4	.059	2.6	.045	13.4	4.1	9.4	2.9		
1239	11.0	3.4	10.9	3.3	11.2	3.4	11.0	3.4			3.2	.056	2.9	.051	16.2	4.9	12.6	3.8		
1242	12.1	3.7	8.9	2.7	9.4	2.9	9.1	2.8	9.2	2.8	2.7	.046	2.2	.039	17.0	5.2	13.6	4.2		
1245	13.0	4.0	12.4	3.8	11.9	3.6	12.5	3.8			3.6	.063	3.9	.068	24.2	7.4	20.2	6.2		
1246	12.4	3.8	9.8	3.0	10.4	3.2	10.1	3.1	9.9	3.0	2.9	.051	3.0	.052	15.4	4.7	11.7	3.6		
1247	13.8	4.2	13.1	4.0	15.9	4.8	14.5	4.4			3.9	.069	4.0	.069	15.4	4.7	11.5	3.5		
1248	11.3	3.5	9.6	2.9	9.8	3.0	9.7	3.0	9.0	2.7	2.5	.043	2.9	.050	14.3	4.4	10.7	3.3		
1249	13.4	4.1	12.0	3.7	11.9	3.6	12.0	3.7	11.5	3.5	3.2	.055	3.3	.058	20.8	6.1	16.2	4.9		
1250	10.7	3.3	10.4	3.2	10.5	3.2	10.5	3.2			3.3	.057	3.0	.053	19.8	6.0	16.3	5.0		
1251	12.1	3.7	13.7	4.2	12.8	3.9	13.3	4.1			3.9	.068	4.1	.072	23.6	7.2	19.6	6.0		
1252	11.4	3.5	12.5	3.8	11.5	3.5	12.0	3.6			3.8	.067	3.2	.056	14.6	4.5	10.8	3.3		
1253	10.1	3.1	10.1	3.1	10.9	3.3	10.5	3.2			3.4	.060	3.2	.057	19.2	5.9	15.2	4.6		
1254	12.6	3.6	11.2	3.4	10.8	3.3	11.0	3.3			2.6	.045	2.7	.047	17.5	5.3	14.3	4.4		
1255	11.4	3.5	9.6	2.9	12.1	3.7	11.0	3.4			3.8	.066	3.5	.061	15.5	4.7	11.7	3.6		
1256	11.4	3.5	8.3	2.5	8.5	2.6	8.4	2.6	8.6	2.6	2.6	.046	2.4	.042	15.1	4.6	11.7	3.6		
1257	11.8	3.6	10.5	3.2	10.9	3.3	10.7	3.3			3.0	.053	2.9	.051	23.5	7.2	19.9	6.1		
1258	8.1	2.5	9.5	2.9	10.6	3.2	10.1	3.1			3.1	.054	2.9	.051	18.4	5.6	14.7	4.5		
1259	7.5	2.3	11.2	3.4	10.2	3.1	10.7	3.3			3.4	.060	3.1	.053	12.6	3.8	9.0	2.7		
1260	11.6	3.5	12.5	3.8	11.7	3.6	12.1	3.7			3.1	.055	3.6	.062	17.1	5.2	13.5	4.1		
1261	9.7	3.0	10.6	3.2	9.4	2.8	9.7	3.0			3.0	.053	2.7	.046	17.7	5.4	14.4	4.4		
1265	4.8	1.5	14.0	4.3	12.0	3.7	13.0	4.0			3.3	.058	3.5	.061	17.2	5.2	13.6	4.1		
1266	10.4	3.2	10.4	3.2	9.9	3.0	10.0	3.0			2.6	.046	2.6	.046	15.7	4.8	12.1	3.7		
1267	6.8	2.1	10.8	3.3	10.5	3.2	10.6	3.2			3.0	.053	2.6	.046	15.0	4.6	11.4	3.5		
1268	13.9	4.2	13.3	4.1	13.8	4.2	13.5	4.1			4.0	.069	4.5	.078	28.8	8.8	25.0	7.6		
1269	10.9	3.0	10.4	3.2	9.0	2.7	9.9	3.0	10.2	3.1	3.2	.055	2.7	.047	21.1	6.4	17.9	5.5		



## LANDING DATA - MODEL TA-4F

USS ENTERPRISE (CVN-65)

DAY LANDINGS

LNDG NO	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT	
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BW		BW		BW		FT	M	FT	M
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			37	38	39	40
1270	9.5	2.9	11.3	3.4	12.1	3.7	11.8	3.6			3.4	.059	3.5	.061			21.4	6.5	17.7	5.4
1271	13.9	4.2	16.2	4.9	13.8	4.2	15.0	4.6			4.0	.069	4.1	.071			23.6	7.3	19.6	6.0
1272	8.9	2.7	12.5	3.8	11.2	3.4	12.3	3.7			3.3	.057	3.2	.055			14.4	4.4	10.9	3.3
1273	9.6	2.9	9.2	2.8	9.6	3.0	9.7	3.0			2.8	.048	2.2	.039			13.2	4.0	9.8	3.0
1274	8.2	2.5	7.8	2.4	7.2	2.2	7.7	2.3			2.2	.039	1.9	.034			17.6	5.2	13.4	4.1
1275	8.8	2.7	8.2	2.5	9.5	2.9	8.8	2.7			2.8	.050	2.4	.041			17.6	5.4	14.8	4.5
1276	11.7	3.6	10.9	3.3	11.7	3.6	11.2	3.4	11.6	3.5	2.9	.050	3.1	.054			22.1	6.7	18.2	5.5
1277	11.5	3.5	10.2	3.1	8.7	2.6	10.1	3.1	10.7	3.3	3.2	.056	2.6	.046			17.0	5.2	13.6	4.1
1278	14.8	4.5	14.0	4.3	14.0	4.3	14.0	4.3			3.8	.066	3.9	.069			22.8	6.9	19.4	5.9
1279	12.3	3.7	11.8	3.6	13.6	4.1	12.7	3.9			3.3	.058	3.8	.066			18.6	5.5	14.4	4.4
1280	11.0	3.4	12.9	3.9	10.5	3.2	11.7	3.6			3.5	.061	3.2	.055			22.1	6.7	18.7	5.7
1281	10.4	3.2	9.1	2.8	10.4	3.2	9.7	3.0	10.5	3.2	3.0	.052	2.5	.043			18.9	5.2	13.4	4.1
1284	5.6	1.7	9.3	2.8	8.3	2.5	8.9	2.7			2.9	.050	2.3	.041			11.3	3.4	7.4	2.2
1285	8.5	2.6	9.0	2.7	9.8	3.0	9.4	2.9			2.7	.046	2.7	.047			12.2	3.7	8.8	2.7
1287	3.9	1.2	10.0	3.1	9.2	2.8	9.9	3.0			3.1	.054	3.1	.054			13.4	4.1	9.4	2.9
1288	8.4	2.6	9.1	2.8	9.8	3.0	9.8	3.0			3.3	.058	3.0	.052			16.6	4.9	12.5	3.8
1289	9.2	2.8	9.8	3.0	11.8	3.6	10.8	3.3			3.1	.054	3.1	.053			13.8	4.2	10.2	3.1
1290	10.9	3.3	8.6	2.6	5.4	1.6	6.3	1.9	5.9	1.8	2.3	.039	2.1	.036			10.8	3.3	6.7	2.1
1291	10.4	3.2	11.2	3.4	10.6	3.0	10.7	3.3			3.0	.053	2.9	.050			18.4	5.6	15.0	4.6
1292	10.6	3.2	11.5	3.5	11.0	3.4	11.7	3.6			3.0	.053	3.4	.059			17.3	5.3	13.6	4.1
1293	13.1	4.0	11.8	3.6	12.6	3.8	12.2	3.7	12.4	3.8	3.1	.053	3.6	.063			15.4	4.7	11.6	3.5
1294	12.1	3.7	11.5	3.5	10.5	3.2	11.0	3.4			3.0	.053	3.0	.052			18.2	5.5	14.3	4.4
1295	10.1	3.1	12.0	3.6	10.6	3.2	11.8	3.6			2.8	.049	2.6	.046			16.9	5.2	13.5	4.1
1298	-2	-1	14.7	4.5	11.7	3.6	13.5	4.1			4.7	.083	3.7	.065			15.5	4.7	12.3	3.8
1299	12.1	3.7	12.1	3.7	11.3	3.4	11.6	3.5			3.3	.058	3.3	.057			20.3	6.2	17.0	5.2
1300	12.4	3.8	10.7	3.3	11.6	3.5	11.2	3.4			3.1	.054	3.0	.053			17.9	5.5	14.4	4.4
1301	9.9	3.0	10.6	3.2	9.9	3.0	10.4	3.2			3.5	.061	3.2	.056			15.8	4.8	12.4	3.8
1302	10.3	3.1	9.2	2.8	10.7	3.3	10.0	3.0			3.3	.057	2.8	.049			15.1	4.6	11.4	3.5
1303	12.5	3.8	11.4	3.5	11.5	3.5	11.4	3.5			3.1	.053	2.8	.049			18.1	5.5	14.5	4.4
1304	14.0	4.3	14.3	4.4	13.3	4.1	14.2	4.3			3.8	.066	4.0	.071			19.5	5.9	15.9	4.8
1305	10.7	3.3	11.0	3.3	9.7	3.0	10.5	3.2			3.1	.055	3.1	.053			16.7	5.1	13.1	4.0
1306	12.9	3.9	13.9	4.2	14.0	4.3	13.9	4.2			2.9	.051	4.0	.069			17.8	5.4	14.5	4.4
1307	14.2	4.3	12.6	3.8	12.3	3.7	12.4	3.8			1.5	.026	3.1	.055			9.9	3.0	6.9	2.1
1309	8.9	2.7	8.6	2.6	7.3	2.2	8.0	2.5			2.4	.042	2.0	.035			14.2	4.3	10.9	3.3
1310	8.4	2.5	11.5	3.5	11.3	3.5	11.3	3.4			3.3	.057	3.2	.056			12.5	3.8	9.2	2.8
1311	11.2	3.4	11.4	3.5	10.7	3.3	11.4	3.5			2.4	.042	3.1	.055			16.1	4.9	13.0	4.0
1312	10.2	3.1	10.5	3.2	10.3	3.2	10.6	3.2			3.2	.056	2.9	.051			11.6	3.5	8.0	2.4
1313	15.2	4.6	16.0	4.9	14.5	4.4	15.4	4.7			3.3	.058	4.0	.069			19.9	6.1	16.8	5.1
1314	8.6	2.6	11.9	3.6	9.8	3.0	11.4	3.5			2.8	.048	2.8	.049			11.0	3.4	7.7	2.4
1315	12.2	3.7	9.0	2.7	8.9	2.7	9.0	2.7	8.1	2.5										

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)					DAY LANDINGS				
LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN					GLIDE PATH ANGLE AT TD					WHEEL HEIGHT		HOOK HEIGHT						
	NO	NOSE	PORT		STBD	AVG		FREE-FLIGHT		BHM		BVW		OVER RAMP	OVER RAMP				
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M			
22	23	?	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
3316	13.1	4.0	12.5	3.8	10.6	3.2	11.8	3.6			4.4	.076	4.0	.071	19.8	6.0	15.9	4.8	
3317	10.4	3.2	8.8	2.7	9.7	3.0	9.2	2.8			3.1	.053	2.6	.046	18.3	5.6	14.8	4.5	
3318	11.9	3.6	12.5	3.8	12.2	3.7	12.4	3.8	13.4	4.1	3.6	.063	3.4	.059	17.8	5.4	14.1	4.3	
3319	9.9	3.0	9.6	2.9	9.4	2.9	10.0	3.0			3.3	.050	2.6	.046	14.9	4.5	11.5	3.5	
3320	10.1	3.1	13.0	4.0	11.7	3.6	12.5	3.8			3.6	.063	3.7	.064	18.0	5.5	14.4	4.4	
3321	12.4	3.8	10.6	3.2	11.1	3.4	10.5	3.2	11.2	3.4	3.4	.057	2.8	.048	15.8	4.8	12.5	3.8	
3322	12.0	3.6	12.2	3.7	12.0	3.7	12.2	3.7			2.8	.049	3.0	.052	15.5	4.7	12.4	3.8	
3323	13.2	4.0	4.1	1.2	4.3	1.3	4.1	1.2	5.2	1.6	2.3	.040	.8	.014	13.3	4.1	9.7	2.9	
3324	9.3	2.8	7.8	2.4	7.0	2.1	7.6	2.3			2.9	.051	1.9	.033	16.7	5.1	13.4	4.1	
3325	14.5	4.4	12.1	3.7	12.4	3.8	12.3	3.7			3.0	.052	2.9	.051	18.5	5.6	15.0	4.6	
3326	9.4	2.9	10.7	3.3	10.4	3.2	10.7	3.3			3.0	.052	2.9	.050	14.0	4.3	10.3	3.1	
3327	7.2	2.2	8.0	2.5	9.0	2.7	8.5	2.6			2.3	.048	2.2	.038	13.1	4.0	9.5	2.9	
3328	12.5	3.8	11.9	3.6	11.6	3.5	12.0	3.7			2.7	.047	2.7	.047					
3329	10.4	3.2	10.6	3.2	10.2	3.1	10.8	3.3			2.9	.051	3.1	.054	14.1	4.3	10.1	3.1	
3330	12.4	3.8	12.0	3.9	12.3	3.7	12.8	3.9			3.0	.052	3.5	.061	14.6	4.5	10.9	3.3	
3333	8.9	2.7	8.2	2.5	7.5	2.3	7.7	2.3			1.7	.036	2.0	.036	11.1	3.4	7.3	2.2	
3334	10.2	3.1	12.0	3.7	8.7	2.6	10.4	3.2			2.6	.045	2.5	.044	12.1	3.7	8.5	2.6	
3335	12.7	3.9	12.6	3.8	12.5	3.8	12.6	3.8			3.0	.052	3.5	.061	16.6	5.1	13.1	4.0	
3336	10.9	3.3	9.5	2.9	9.2	2.8	9.3	2.8			2.6	.045	2.8	.049	16.8	5.1	12.9	3.9	
3337	10.0	3.0	11.0	3.4	9.7	2.9	10.3	3.1			3.0	.052	2.7	.047	12.5	3.8	8.9	2.7	
3338	12.1	3.7	11.3	3.5	11.2	3.4	11.3	3.4			2.9	.051	2.8	.050	14.8	4.5	11.3	3.5	
3339	12.0	3.6	10.7	3.3	9.1	2.8	9.9	3.0	9.5	2.9	2.5	.044	2.8	.048	14.5	4.4	10.7	3.3	
3340	11.1	3.4	12.6	3.8	12.1	3.7	12.3	3.8			3.3	.058	3.0	.053	14.3	4.4	10.8	3.3	
3341	4.9	1.5	10.3	3.1	8.4	2.5	9.3	2.8					1.9	.034					
3342	5.8	1.8	4.2	1.3	5.0	1.5	4.3	1.3			.7	.012							
3343	8.6	2.7	7.3	2.2	7.9	2.4	7.6	2.3			2.6	.045	2.0	.036	10.5	3.2	7.3	2.2	
3345	9.6	2.9	6.3	1.9	7.2	2.2	6.9	2.1	7.6	2.3	2.6	.046	1.6	.027	16.1	4.9	12.6	3.9	
3347	6.9	2.1	10.2	3.1	10.8	3.3	10.5	3.2			3.1	.055	2.7	.047	12.4	3.8	8.7	2.7	
3348	13.2	4.0	11.5	3.5	11.7	3.6	11.6	3.5			3.4	.060	2.9	.050	15.7	4.8	12.7	3.9	
3351	6.3	1.9	9.3	2.8	8.2	2.5	9.2	2.8			3.2	.055	2.8	.049	11.3	3.4	7.0	2.1	
3354	10.7	3.3	12.6	3.8	12.7	3.9	12.6	3.8			3.3	.057	3.3	.058	14.5	4.4	10.6	3.2	
3355	4.6	1.4	5.4	1.6	7.4	2.2	6.4	1.9			3.1	.054	1.4	.025	15.6	4.8	12.1	3.7	
3357	8.8	2.7	7.7	3.3	10.3	3.1	10.5	3.2			3.8	.066	3.1	.054	13.6	4.1	10.6	3.2	
3359	6.6	2.0	7.8	2.4	8.1	2.5	8.1	2.5			3.4	.059	2.3	.040	15.6	4.8	12.0	3.6	
3360	13.5	4.1	15.7	4.8	15.0	4.6	15.4	4.7			4.5	.079	4.4	.077	19.1	5.8	15.7	4.8	
3361	13.2	4.0	11.3	3.5	11.8	3.6	11.6	3.5			3.4	.060	3.2	.056	16.0	4.9	12.5	3.8	
3362	9.9	3.0	6.9	2.1	8.9	2.7	7.9	2.4			3.4	.060	1.8	.031	19.6	6.0	16.2	4.9	
3363	12.7	3.9	12.4	3.8	12.4	3.8	12.4	3.8			3.2	.055	2.9	.050	18.4	5.6	15.1	4.6	
3364	6.8	2.1	11.4	3.5	12.1	3.7	11.7	3.6			3.8	.067	3.2	.055	13.4	4.1	9.9	3.0	
3365	13.2	4.0	16.9	5.2	16.5	5.0	16.7	5.1			4.9	.085	5.0	.088	22.9	7.0	19.0	5.8	

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)				DAY LANDINGS			
LNOG	AIRCRAFT SINKING SPEED AT TOUCHDOWN								GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT		
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BW		OVER RAMP		
NO	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
1566	14.7	4.5	14.6	4.3	14.6	4.5	14.3	4.4			4.5	.078	3.8	.066	18.8	5.7	
1567	12.2	3.7	10.3	3.1	12.0	3.6	10.9	3.3			3.7	.065	3.0	.053	15.2	4.6	
1568	13.0	4.0	12.2	3.7	11.8	3.6	12.0	3.6	11.6	3.5	3.9	.067	3.5	.061	20.7	6.3	
1569	9.1	2.8	8.4	2.5	8.2	2.5	8.3	2.5			3.4	.060	2.1	.037	12.8	3.9	
1570	9.0	2.8	9.5	2.9	10.1	3.1	10.0	3.0			3.7	.064	2.8	.049	14.3	4.4	
1571	8.8	2.7	11.1	3.4	10.8	3.3	11.5	3.5			3.3	.058	3.0	.053	15.4	4.7	
1572	12.6	3.8	16.2	4.9	15.9	4.9	16.1	4.9			3.3	.058	4.7	.082	19.2	5.9	
1573	13.3	4.1	14.2	4.3	12.6	3.8	13.4	4.1			3.9	.068	3.8	.067	20.9	6.4	
1574	9.6	2.9	8.2	2.5	9.6	2.9	8.9	2.7			3.3	.057	2.4	.041	15.7	4.8	
1575	7.0	2.1	9.0	2.7	7.3	2.2	8.5	2.6			3.4	.059	2.7	.047	12.0	3.7	
1576	7.0	2.1	8.0	2.4	5.0	1.5	6.8	2.1			2.7	.047	1.5	.027	16.6	5.1	
1577	12.8	3.9	11.3	3.4	11.7	3.6	11.5	3.5			3.0	.053	2.9	.051	16.9	5.2	
1578	11.9	3.6	13.0	4.0	13.6	4.1	13.1	4.0			3.6	.063	3.6	.063	22.5	6.9	
1579	10.3	3.1	10.1	3.1	10.0	3.1	10.1	3.1			3.1	.055	2.5	.044	18.0	5.5	
1580	11.6	3.5	12.9	3.9	13.1	4.0	13.0	4.0			4.0	.070	3.7	.064	17.4	5.3	
1581	8.6	2.7	9.6	2.9	8.4	2.6	9.0	2.7			2.8	.048	2.4	.042	15.1	4.6	
1582	10.4	3.2	13.0	4.1	13.8	4.2	13.8	4.2			4.1	.072	3.8	.067	19.0	5.8	
1583	12.5	3.8	12.9	3.9	12.6	3.8	12.8	3.9			3.7	.064	3.2	.056	19.7	6.0	
1584	10.8	3.3	10.8	3.3	10.7	3.2	10.6	3.2			3.8	.063	3.0	.053	15.7	4.8	
1585	8.4	2.6	11.3	3.5	10.4	3.2	10.9	3.3			3.3	.058	2.9	.051	19.2	5.9	
1586	8.0	2.4	8.2	2.5	6.8	2.0	7.4	2.3			2.3	.041	1.8	.032	12.0	3.7	
1587	10.0	3.0	10.1	3.1	11.0	3.4	10.8	3.3			3.5	.061	2.5	.044	17.7	5.4	
1588	12.1	3.7	11.6	3.5	11.7	3.6	11.6	3.5			3.5	.061	3.0	.052	18.1	5.5	
1589	8.6	2.6	8.2	2.5	6.3	1.9	7.2	2.2			2.7	.048	1.7	.030	15.5	4.7	
1590	14.6	4.4	14.0	4.3	13.6	4.1	13.8	4.2	13.9	4.2	3.6	.062	3.6	.063	23.1	7.0	
1591	11.8	3.6	12.5	3.8	13.7	4.2	13.1	4.0			3.8	.066	3.1	.055	17.4	5.3	
1594	11.6	3.5	10.7	3.3	10.8	3.3	10.7	3.3			2.8	.049	2.9	.050	16.2	4.9	
1595	11.6	3.5	11.7	3.6	10.5	3.2	11.1	3.4			3.1	.053	3.0	.053	20.6	6.3	
1596	9.2	2.8	8.7	2.6	7.9	2.4	8.3	2.5			2.5	.044	2.4	.042	13.8	4.2	
1598	11.8	3.6	10.7	3.3	10.0	3.0	10.2	3.1			2.8	.048	2.7	.048	18.7	5.7	
1599	15.0	4.6	15.9	4.8	14.6	4.4	15.3	4.7			3.9	.068	4.3	.075	23.3	7.1	
1600	5.9	1.8	10.4	3.2	10.3	3.1	10.6	3.2			2.9	.051	2.8	.049	16.0	4.9	
1601	12.2	3.7	11.3	3.4	11.0	3.4	11.1	3.4			3.3	.058	2.3	.041	19.1	5.8	
1602	9.7	2.9	9.4	2.9	9.0	2.7	9.2	2.8			2.3	.039	2.5	.044	12.3	3.7	
1603	10.8	3.3	13.1	4.0	13.0	4.0	13.0	4.0			3.6	.063	4.2	.073	18.2	5.5	
1604	9.6	2.9	6.2	1.9	6.1	1.9	6.3	1.9	6.7	2.0	2.4	.043	1.7	.029	13.0	4.0	
1605	8.0	2.4	12.8	3.9	8.6	2.6	11.0	3.4			3.7	.065	3.0	.053	14.3	4.4	
1608	5.8	1.8	12.0	3.7	11.1	3.4	11.6	3.5			3.6	.063	2.6	.046	15.7	4.8	
1609	13.3	4.1	13.8	4.2	12.2	3.7	13.0	4.0			3.7	.065	3.5	.062	21.1	6.4	
1610	10.1	3.1	9.8	3.6	9.9	3.6	9.8	3.6			2.9	.050	2.2	.038	16.9	5.2	

## LANDING DATA - MODEL TA-4F USS ENTERPRISE (CVN-65) DAY LANDINGS

LNDG	AIRCRAFT SINKING SPEED AT TOUCHDOWN										GLIDE PATH ANGLE AT TD						WHEEL HEIGHT		HOOK HEIGHT	
	NO	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BHW		BV		OVER RAMP		OVER RAMP		
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M		
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
1611	9.4	2.9	9.6	2.9	8.9	2.7	9.4	2.9			2.2	.038	2.3	.041	16.5	5.0	13.0	4.0		
1612	13.2	4.0	14.7	4.5	11.6	3.5	13.2	4.0			3.0	.052	3.2	.056	16.7	5.1	13.1	4.0		
1613	7.9	2.4	5.7	1.7	5.5	1.7	5.7	1.7			1.9	.033	1.3	.024	12.0	3.7	8.1	2.5		
1615	10.3	3.1	8.4	2.6	7.8	2.4	8.2	2.5			2.4	.042	1.7	.039	12.7	3.9	9.6	2.7		
1616	10.1	3.1	10.5	3.2	11.5	3.5	11.0	3.3			3.1	.055	3.2	.056	16.0	4.9	12.6	3.8		
1618	8.9	2.7	13.1	4.0	12.8	3.9	13.3	4.1			3.9	.067	3.5	.061	17.4	5.3	14.0	4.3		
1619	9.9	3.0	10.7	3.2	9.5	2.9	10.0	3.0			2.8	.049	2.4	.042	18.7	5.7	15.4	4.7		
1620	9.2	2.8	10.5	3.2	9.4	2.9	9.9	3.0			3.1	.053	2.3	.041	14.1	4.3	10.5	3.2		
1621	12.2	3.7	13.5	4.1	11.4	3.5	12.5	3.8			3.7	.065	3.4	.060	20.4	6.2	17.0	5.2		
1622	10.7	3.3	10.4	3.2	9.5	2.9	9.9	3.0	10.2	3.1	2.3	.048	2.3	.040	16.9	5.2	13.5	4.1		
1623	12.9	3.9	12.7	3.9	10.8	3.3	12.1	3.7			3.6	.063	3.3	.058	24.6	7.5	20.8	6.3		
1624	9.6	2.9	8.0	2.4	11.0	3.3	9.6	2.9			2.8	.050	2.4	.041	15.1	4.6	11.2	3.4		
1625	11.3	3.4	12.2	3.7	11.9	3.6	12.1	3.7			3.5	.061	3.4	.059	21.3	6.5	17.6	5.4		
1626	11.7	3.6	11.2	3.4	9.8	3.0	10.2	3.1	9.7	2.9	2.1	.037	2.8	.049	12.3	3.7	8.2	2.5		
1627	11.1	3.4	10.4	3.2	9.2	2.8	9.8	3.0	10.1	3.1	3.2	.056	2.7	.047	18.3	5.6	14.5	4.4		
1628	11.3	3.4	10.4	3.2	10.2	3.1	10.4	3.2			3.3	.058	2.9	.050	23.8	7.3	20.0	6.1		
1629	12.1	3.7	12.0	3.7	10.7	3.2	11.2	3.4	11.5	3.5	3.4	.059	3.3	.058	17.7	5.4	13.8	4.2		
1630	11.0	3.4	11.1	3.4	11.0	3.4	11.0	3.4			2.8	.050	2.5	.044	12.1	3.7	8.0	2.7		
1631	8.8	2.7	6.9	2.1	7.8	2.4	7.5	2.3			2.6	.045	1.6	.028	16.0	4.9	12.4	3.8		
1634	4.8	1.5	9.0	2.7	9.7	3.0	9.2	2.8			3.3	.057	2.5	.044	14.1	4.3	10.2	3.1		
1635	11.5	3.5	13.5	4.1	13.1	4.0	13.4	4.1			4.1	.072	3.9	.067	21.7	6.6	18.1	5.5		
1636	7.2	2.2	10.0	3.1	10.1	3.1	10.3	3.1			3.6	.062	2.9	.051	13.0	4.2	10.0	3.0		
1637	10.4	3.2	7.7	2.3	7.6	2.3	7.4	2.2	7.2	2.2	2.0	.035	1.7	.029	12.4	3.8	8.9	2.7		
1638	9.3	2.8	9.8	3.0	8.8	2.7	9.3	2.8			2.4	.043	2.5	.044	13.6	4.1	9.9	3.0		
1639	10.1	3.1	8.7	2.7	8.6	2.6	8.7	2.6			2.8	.048	2.4	.041	15.6	4.8	11.8	3.6		
1640	8.3	2.5	10.4	3.2	10.1	3.1	10.3	3.1			2.7	.048	2.6	.049	16.8	5.1	13.3	4.0		
1641	6.8	2.1	6.6	2.0	7.0	2.1	6.8	2.1			2.9	.050	1.6	.029	14.0	4.3	9.9	3.0		
1642	8.2	2.5	12.1	3.7	11.0	3.4	11.5	3.5			3.5	.060	3.0	.052	16.7	5.1	13.2	4.0		
1644	6.5	2.0	8.7	2.7	9.6	2.9	9.3	2.8			2.7	.046	2.1	.036	15.0	4.6	11.4	3.5		
1645	9.7	3.0	9.8	3.0	9.8	3.0	9.8	3.0			3.4	.060	2.6	.045	11.9	3.6	8.0	2.4		
1646	11.3	3.4	10.3	3.1	10.5	3.2	10.4	3.2			2.4	.042	2.5	.044	14.6	4.5	11.4	3.5		
1647	6.8	2.1	3.6	1.1	4.3	1.3	3.9	1.2	4.4	1.4	1.3	.023	.4	.007	11.9	3.6	8.6	2.6		
1648	8.6	2.6	9.1	2.8	9.5	2.9	9.3	2.8	9.5	2.9	3.1	.055	2.6	.046	17.7	5.4	13.8	4.2		
1649	11.8	3.6	11.6	3.5	11.4	3.5	11.5	3.5			3.7	.064	3.0	.052	16.2	4.9	12.2	3.7		
1650	11.3	3.4	8.2	2.5	8.8	2.7	8.5	2.6	8.2	2.5	2.8	.050	2.3	.041	15.6	4.8	12.0	3.6		
1651	10.8	3.3	10.9	3.3	9.2	2.8	10.1	3.1			2.7	.047	2.5	.044	15.8	4.8	12.6	3.8		
1652	10.4	3.2	11.4	3.5	9.1	2.8	10.2	3.1			2.7	.047	2.2	.038	13.4	4.1	10.2	3.1		
1653	8.0	2.5	6.6	2.0	7.0	2.1	6.8	2.1			2.3	.046	1.8	.032	16.8	5.1	12.9	3.9		
1654	9.7	3.0	11.6	3.5	11.0	3.3	11.4	3.5			3.0	.055	3.1	.052	12.5	3.6	9.0	2.7		
1655	8.4	2.6	12.2	3.7	10.2	3.1	11.2	3.4			4.1	.072	3.1	.054	18.8	5.7	15.1	4.6		

LNDG NO	LANDING DATA - MODEL 7A-4F								USS ENTERPRISE (CVN-65)				DAY LANDINGS					
	AIRCRAFT SINKING SPEED AT TOUCHDOWN								GLIDE PATH ANGLE AT TD				WHEEL HEIGHT		HOOK HEIGHT			
	NOSE		PORT		STBD		AVG		FREE-FLIGHT		BNW		BVW		OVER RAMP			
	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	F/S	M/S	DEG	RAD	DEG	RAD	FT	M	FT	M
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1656	2.6	.8	10.8	3.3	9.2	2.8	9.9	3.0			3.5	.061	2.6	.046	11.6	3.5	7.8	2.4
1658	12.5	3.8	9.2	2.8	9.4	2.9	9.3	2.8	9.3		2.8	.048	2.7	.048	16.0	4.9	12.2	3.7
1659	6.9	2.1	12.7	3.9	10.7	3.3	11.7	3.6	9.3		4.1	.071	2.8	.049	16.6	5.1	13.1	4.6
1660	11.7	3.6	10.3	3.1	10.4	3.2	10.4	3.2			3.3	.058	2.7	.047	12.9	3.9	9.0	2.6
1662	10.3	3.1	11.3	3.5	13.4	4.1	12.5	3.8			3.7	.065	3.6	.063	17.2	5.2	13.3	4.1
1663	7.3	2.2	5.1	1.6	6.4	2.0	5.8	1.8	6.2		1.9	.034	1.2	.020	14.2	4.3	10.8	3.3
1665	8.4	2.6	8.5	2.6	8.0	2.4	8.2	2.5	8.7		2.6	.050	2.3	.040	17.4	5.3	14.1	4.3
1666	8.2	2.5	10.8	3.3	9.9	3.0	10.3	3.2			3.4	.059	2.7	.046	16.8	5.1	12.8	3.6
1667	7.1	2.2	8.2	2.5	9.1	2.8	8.6	2.6			3.0	.053	2.4	.042	14.5	4.4	10.5	3.2
1668	10.4	3.2	10.7	3.3	9.4	2.9	10.0	3.1			3.4	.059	2.8	.048	18.3	5.6	14.5	4.1
1669	10.4	3.2	9.2	2.8	10.6	3.2	10.1	3.1			2.9	.051	2.5	.043	15.4	4.7	12.5	3.6
1670	10.1	3.1	11.0	3.4	10.2	3.1	10.6	3.2			2.8	.050	2.4	.043	15.2	4.6	11.5	3.5
1671	10.3	3.2	10.7	3.3	11.7	3.6	11.3	3.5			3.7	.065	2.9	.051	16.0	4.9	12.2	3.7
1672	9.5	2.9	9.6	2.9	10.8	3.3	10.6	3.2			3.5	.060	2.6	.046	12.6	3.8	8.8	2.7
1674	8.4	2.8	11.9	3.6	11.5	3.5	11.7	3.6			3.2	.056	3.0	.053	11.8	3.6	8.0	2.4
1675	9.9	3.0	8.3	2.5	6.0	1.8	9.2	2.8			3.2	.056	2.6	.045	13.1	4.0	9.6	2.6
1677	8.2	2.8	9.0	2.7	6.1	1.9	7.5	2.3			3.0	.052	1.9	.034	15.3	4.7	11.6	3.5
1678	13.0	4.0	12.6	3.8	12.6	3.8	12.6	3.8			3.0	.052	3.2	.056	17.4	5.3	14.0	4.3
1679	11.0	3.3	11.2	3.4	11.1	3.4	11.2	3.4			3.5	.060	3.1	.053	20.7	6.3	17.0	5.2
1680	8.7	2.6	8.7	2.6	9.0	2.7	8.8	2.7			2.6	.046	2.3	.040	14.7	4.5	10.7	3.3
1681	11.8	3.6	9.9	3.6	13.4	4.1	11.7	3.6			3.4	.059	3.2	.056	13.2	4.0	8.3	2.5
1683	11.0	3.5	10.8	3.3	10.6	3.2	10.6	3.2			3.0	.052	2.6	.045	12.0	3.7	8.5	2.6
1684	11.0	3.4	10.6	3.2	9.8	3.0	10.2	3.1			4.0	.069	3.5	.061	23.3	7.1	19.5	5.6
1685	9.0	2.8	11.3	3.5	10.9	3.3	11.1	3.4			4.0	.069	3.8	.066	15.5	4.7	11.8	3.6
4816	6.3	1.9	6.4	2.6	8.0	2.4	8.2	2.5					2.4	.041				
4843	6.5	2.0	7.4	2.3	4.3	1.3	5.8	1.8			1.6	.028	.9	.016	14.2	4.3	10.7	3.3
4852	8.0	2.4	12.4	3.8	10.6	3.2	12.4	3.8			4.0	.070	3.6	.062	15.0	4.6	11.5	3.5
4251	12.1	3.7	10.7	3.3	11.1	3.4	10.9	3.3			3.6	.062	3.5	.061	14.1	4.3	10.6	3.2
4252	9.7	3.0	10.3	3.1	10.2	3.1	10.5	3.2			3.3	.058	3.2	.056	14.7	4.5	11.3	3.4
4259	6.1	1.9	5.6	1.7	6.4	1.9	6.0	1.8			2.7	.047	1.9	.034	11.3	3.4	7.4	2.3
4478	10.3	3.1	9.4	2.9	9.8	3.0	9.6	2.9					2.5	.044				
4471	9.4	2.9	10.3	3.1	9.5	2.9	9.9	3.0			3.2	.056	2.7	.047	15.7	4.8	12.1	3.7
4495	11.2	3.4	11.2	3.4	11.2	3.4	11.3	3.4			3.5	.060	3.4	.059	13.5	4.1	9.9	3.1
4864	13.1	4.0	7.9	2.4	6.3	1.9	7.3	2.2	7.2		2.2	.052	2.1	.037	12.4	3.8	8.9	2.7
4993	13.4	4.1	13.4	4.1	12.3	3.8	13.1	4.0					3.5	.061				

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

UNCG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW						
	NO	TD	OR	DEG	RAD	DEG	RAD	FF	TD	OR	DEG	RAD	DEG	RAD	AT TD	DEG	RAD	DEG	RAD	AT TD	DEG	RAD	DEG	RAD	AT TD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61							
246	10.4	.181	12.6	.223			-2	-.003	1.9	.033			4.1	.072	10.0	.175	-2.1	-.037			.9						
247	10.4	.181	10.8	.190			8.6	.150	1.7	.030			5.3	.092	12.1	.211	-2.7	-.047			-8						
248	10.6	.185	14.1	.248			1.3	.023	.9	.016			5.3	.092	4.7	.082	-3.0	-.052			2.3						
249	10.9	.190	13.0	.227	10.6			.185	1.1	.019	4.9	.086	1.8	.031	0.000	9.7	.169	-2.9	-.051		-1.0						
250	12.8	.223	14.4	.251			-2.9	-.051	-3.1	-.054			3.4	.059	2.9	.051	-4.0	-.070		4.2							
252	13.6	.237	14.5	.253			-2	-.003	-1.1	-.019			3.6	.063	.7	.012	-3.4	-.059		2.5							
254	12.1	.211	11.5	.201			-4.9	-.006	-1.1	-.019			2.4	.042	-3.4	-.059	-4.8	-.084		3.6							
255	11.0	.192	16.1	.281	10.8		.188	1.7	.030	-7	-.012	1.2	.021	0.0	0.000	-7	-.012	-4.6	-.080		1.8						
256	10.7	.187	12.4	.216			-8.4	-.147	6.9	.120			1.1	.019	24.1	.421	1.5	.026		3.6							
257	12.5	.218	13.3	.232	12.6		.220	-1.3	-.023	-6	-.010	-1.1	-.019	1.4	.024	2.2	.038	-1.3	-.023		0.0						
258	10.3	.180	12.7	.222	10.2		.178	.3	.005	-6	-.010	-9	-.016	0.0	0.000	-5.1	-.089	-4.5	-.079		3.5						
260	12.1	.211	11.4	.199			-9.4	-.164	-4.7	-.082			.3	.005	-2.2	-.038	-1.4	-.024		-2.3							
262	11.2	.195	13.1	.229	11.8		.206	-3	-.005	4.3	.075	-7	-.012	4.5	.079	-4.8	-.084	-3.3	-.058		1.1						
272	12.0	.209	12.6	.220			-6.2	-.143	-3.2	-.056			.2	.003	.2	.003	-2.5	-.044		-4							
273	12.5	.218	15.3	.267			2.0	.035	.5	.009			4.7	.082	-10.6	-.185	-3.7	-.065		.3							
274	10.9	.190	14.4	.251			.8	.014	3.6	.063			9.7	.169	.1	.002	-2.9	-.051		-5							
275	13.8	.241	15.0	.262			.6	.010	-1.8	-.031			.8	.016	-3.5	-.061	-4.1	-.072		6.0							
276	14.2	.248	15.1	.263			-5.3	-.092	-2	-.003			3.3	.058	8.9	.155	-2.3	-.040		1.6							
277	12.0	.200	14.4	.251			1.1	.019	-2.0	-.035			7.1	.124	-3.4	-.059	-3.8	-.066		4.0							
278	13.3	.232	14.4	.251	13.5		.236	-2.6	-.045	-2.3	-.040	-2.4	-.042	5.3	.092	3.5	.061	-3.0	-.066		4.3						
279	12.7	.222	14.6	.255	13.5		.236	-1.4	-.024	1.5	.026	-7	-.012	3.7	.065	2.7	.047	-2.3	-.040		-2.5						
280	12.2	.213	13.4	.234			0.0	0.000	.1	.002			3.3	.058	8.0	.140	-3.2	-.056		.1							
281	9.4	.164	13.7	.230			5.7	.009	-2.1	-.037			4.9	.086	4.3	.075	-8	-.014		-1.0							
283	9.0	.157	13.7	.230			-5.6	-.008	7.0	.122			5.0	.007	-7.4	-.129	-5.0	-.101		4.5							
284	9.4	.164	10.9	.190			-6	-.010	8.1	.141			5.1	.009	10.5	.183	-4.0	-.070		1.0							
286	9.9	.173	13.6	.237			2.2	.036	4.9	.086			7.4	.129	8.7	.152	-2.0	-.035		.2							
287	10.4	.181	16.7	.291			-6.9	-.120	-4.4	-.077			5.7	.099	3.9	.068	-5.4	-.094		8.5							
288	11.6	.202	14.4	.251			-2	-.003	-7	-.012			6.7	.117	-4.7	-.082	-6.0	-.140		6.2							
289	14.2	.248	14.0	.244			1.3	.023	-6	-.010			5.4	.094	-7.0	-.122	-4.3	-.075		3.2							
290	13.4	.234	15.7	.274			-2.2	-.038	0.0	0.000			6.4	.112	-3.6	-.063	-5.0	-.087		2.7							
293	12.8	.223	13.9	.243			-5.3	-.092	-7	-.012			7.5	.131	.8	.014	-10.2	-.178		10.0							
294	11.7	.204	14.7	.257			-3.8	-.066	-1.3	-.023			9.7	.169	3.0	.052	-5.7	-.099		6.8							
295	13.0	.227	12.6	.220			-5.0	-.087	-1.9	-.033			.1	.002	9.1	.159	-3.7	-.065		1.9							
296	11.6	.202	14.8	.258	12.6		.220	.1	.002	-9	-.016	.6	.010	4.1	.072	5.8	.101	-5.2	-.091		6.1						
297	12.3	.215	13.5	.236			-2.2	-.030	2.4	.042			2.7	.047	8.1	.141	-3.2	-.056		2.4							
298	10.7	.187	14.7	.257	11.0		.192	-5	-.009	-1.3	-.023	-3	-.005	0.0	0.000	-2	-.003	-8.0	-.157		7.1						
299	11.4	.199	12.2	.213			-10.6	-.185	2.5	.044			1.5	.026	-7.4	-.129	-6.2	-.108		3.4							
300	9.4	.164	10.8	.188			.9	.016	4.5	.079			3.3	.058	10.8	.180	-4.6	-.080		3.0							
301	12.6	.220	12.7	.222			-3.0	-.052	2.1	.037			7.1	.124	-6	-.010	-5.4	-.094		5.3							
302	13.0	.227	15.3	.267			-2.3	-.040	.9	.016			3.9	.068	2.1	.037	-5.0	-.087		3.5							

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

UNCG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	NO	TD	OR	FF	TD	OR	FF	TD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	AT	TD	AT	TD	DEG	RAD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
363	11.7	.204	13.7	.239				.9	.016	1.8	.031		5.6	.098	.6	.010	-4.3	-.075	4.8	.084				
364	12.2	.213	13.1	.229			-2.9	-.051	-1.8	-.014			4.8	.084	-3.8	-.066	-3.9	-.068	6.7	.117				
366	10.4	.181	12.5	.218			.7	.012	3.4	.059			4.2	.073	13.1	.229	-6.0	-.105	4.8	.084				
367	11.6	.202	14.3	.250			-8	-.014	6.6	.115			4.3	.075	10.7	.187	-3.9	-.068	2.5	.044				
368	11.7	.204	13.6	.237			-1.2	-.021	7.6	.133			2.6	.045	-5.5	-.098	-3.8	-.068	1.7	.030				
310	12.2	.213	12.7	.222			-3.6	-.063	7.4	.129			5.4	.094	20.4	.356	-1.2	-.021	-1.3	-.023				
312	14.2	.248					-1.5	-.026					6.0	.105	18.4	.321	-1.7	-.012	.5	.009				
313	12.1	.211	15.7	.274			1.5	.026	-5.2	-.091			9.8	.171	11.6	.202	-2.7	-.047	.2	.003				
314	12.8	.223	12.5	.218			-2.2	-.038	1.2	.021			10.6	.185	-16.4	-.286	-12.6	-.220	9.8	.171				
316	12.7	.222	13.7	.239	14.0	.244	-2.2	-.038	-2.2	-.036	-3.3	-.058	6.2	.106	-8.2	-.143	-9.0	-.171	7.4	.129				
317	12.1	.211	13.4	.234			-2.1	-.037	-2.5	-.044			3.9	.068	.2	.003	0.0	0.000	-3	-.005				
320	9.2	.161	16.4	.286			2.4	.042	-1.4	-.024			6.0	.090	10.4	.181	-5.8	-.101	1.1	.019				
322	9.9	.173	13.5	.236			8.4	.147	3.1	.054			6.6	.115	-8.6	-.140	-1.1	-.019	-4.4	-.077				
324	10.7	.187	11.6	.202			-1.5	-.026	3.8	.066			2.7	.047	.8	.014	-6.4	-.112	3.2	.056				
326	13.0	.227	14.1	.246			-3.5	-.061	.5	.009			1.8	.031	3.7	.065	-4.2	-.073	-5.2	-.091				
328	12.1	.211	13.1	.229			-1.1	-.019	3.1	.054			.7	.012	13.4	.234	-3.9	-.068	-3.0	-.052				
330	12.0	.209	12.3	.215			-5.4	-.094	4.6	.080			0.0	.000	10.0	.175	-4.4	-.077	1.1	.019				
333	5.0	.087	13.5	.236			.9	.016	.7	.012			0.0	.000	1.0	.017	-4.9	-.066	3.2	.056				
334	11.1	.194	13.2	.230	11.3	.197	0.0	0.000	.3	.005	.6	.010	3.4	.059	-8	-.014	-2.8	-.049	1.4	.024				
336	14.1	.246	13.6	.237			-4	-.007	-3.1	-.054			3.5	.061	-1.4	-.024	-3.7	-.065	2.7	.047				
338	10.8	.188	15.5	.270			2.6	.045	.9	.016			5.3	.092	3.2	.056	-4.2	-.073	2.6	.045				
344	10.3	.180	14.1	.246	10.3	.180	-3.2	-.056	-1.2	-.021	-3.4	-.059	7.1	.124	-1.8	-.031	-4.9	-.066	4.3	.075				
345	11.7	.204	12.1	.211	12.0	.209	-1.8	-.031	4.2	.073	-2.1	-.037	3.9	.068	-5.7	-.099	-3.8	-.066	1.2	.021				
346	9.2	.161	13.1	.229			1.8	.031	4.6	.080			6.6	.115	-4.8	-.084	-3.6	-.063	.9	.016				
348	11.7	.204	14.1	.246	12.0	.209	.6	.010	6.6	.119	1.4	.024	5.4	.094	9.7	.169	-1.7	-.030	-1.5	-.026				
350	11.6	.202	15.9	.277			2.6	.045	.5	.009			6.1	.106	4.6	.080	-1.5	-.009	-4.4	-.077				
351	13.2	.230	13.9	.243	13.6	.237	-9	-.016	-3.2	-.056	-3.4	-.059	6.0	.140	-13.7	-.238	-5.2	-.091	4.0	.070				
352	10.0	.175	16.4	.286			-2.2	-.038	-3.0	-.052			3.9	.068	6.3	.110	-2.7	-.047	1.0	.017				
353	11.5	.201	12.9	.225			3.0	.052	.7	.012			5.0	.087	-4.1	-.072	-2.8	-.049	2.4	.042				
354	12.1	.211	15.1	.263			.4	.007	-3.5	-.061			7.3	.127	.4	.007	-4.8	-.084	3.3	.058				
356	11.1	.194	13.2	.230			-1.4	-.024	-2.7	-.047			0.0	.000	2.6	.045	-4.4	-.077	3.7	.065				
358	11.3	.197	14.0	.244			-2.8	-.049	-2.2	-.038			0.0	.000	.1	.002	-1.1	-.072	1.8	.031				
470	12.1	.211	13.4	.234			-4.7	-.082	1.7	.030			3.1	.054	10.9	.190	-1.5	-.026	-1.7	-.030				
472	13.0	.227	14.7	.257			-3.6	-.063	-2.4	-.042			2.3	.040	.6	.010	-2.6	-.045	.1	.002				
474	13.0	.227	13.9	.243			-1.8	-.031	.9	.016			5.1	.089	-6.7	-.117	-4.6	-.080	3.5	.061				
476	12.7	.222	14.3	.250			3.2	.056	2.7	.047			1.0	.017	-4.2	-.073	-2.1	-.037	-2.2	-.063				
477	13.0	.227					-1.9	-.033					0.0	.000	2.2	.038	-4.4	-.077	.9	.016				
478	12.9	.225	12.7	.222			-6	-.010	3.5	.061			0.0	.000	3.4	.059	-1.8	-.031	1.8	.031				
479	10.6	.185	14.8	.256			-3.5	-.061	-6	-.010			2.8	.049	3.2	.056	-2.4	-.042	1.5	.026				
480	10.1	.176	14.8	.258			-1.2	-.021	-2.6	-.045			7.7	.134	-8.4	-.147	-4.2	-.073	2.5	.044				

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

LMDG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	NO	TD	DEG	RAD	FF	TD	DEG	RAD	OR	TD	DEG	RAD	FF	TD	DEG	RAD	AT	TD	DEG	RAD	AT	TD	DEG	RAD
441	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
482	12.1	.211	12.6	.220			-3.7	-.065	-4	-.007				3.5	.061	4.3	.075	-3.1	-.054	-6	-.010			
484	12.4	.216	16.0	.279			-1	-.002	6.1	.106				4.1	.072	-6.8	-.119	-2.0	-.035	-3.1	-.054			
485	12.1	.211	12.0	.260			-2.9	-.051	-1.3	-.023				2.5	.044	6.8	.119	-2.6	-.045	.4	.087			
487	14.2	.248			13.9	.243	-3.9	-.068			-3.7	-.065		3.6	.063	-3.2	-.058	-1.6	-.028	-7	-.012			
489	10.5	.183	13.4	.234			.1	-.002	9.0	.157				1.8	.031	-2.0	-.035	-2.0	-.035	-3.0	-.052			
490	11.4	.199					-2.7	-.047						2.7	.047	-5.6	-.098	-3.2	-.056	2.1	.037			
494	12.5	.218	12.0	.200			2.3	.040	-7	-.012				-1.9	-.033	4.7	.082	-3.1	-.054	1.9	.033			
495	11.3	.197	14.2	.248	11.3	.197	-2.9	-.051	-9	-.016	-2.9	-.051		3.9	.068	10.6	.185	-3.6	-.063	4.7	.082			
497	10.2	.178	13.4	.234	10.2	.178	1.5	.026	0.0	0.000	1.5	.026		5.0	.101	-3.4	-.059	-3.4	-.059	2.6	.045			
498	12.0	.209	14.4	.251			-3.0	-.052	-1.5	-.026				0.0	0.000	-3.8	-.066	-3.4	-.059	1.1	.019			
499	12.2	.213	13.4	.234			-2.1	-.037	-1.8	-.031				2.8	.049	1.9	.033	-3.5	-.061	2.0	.035			
500	11.8	.206	13.2	.230	11.8	.206	-3.2	-.056	-4.5	-.079	-3.2	-.056		3.6	.063	2.2	.038	-4.0	-.070	3.3	.058			
501	13.7	.239					-3.0	-.052						4.2	.073	-8.8	-.154	-3.5	-.061	1.0	.017			
502	12.1	.211	13.5	.236			-3.0	-.052	.3	.005				-2.1	-.037	4.5	.079	-4.4	-.077	4.1	.072			
503	12.5	.218	13.8	.241	13.0	.227	1.0	.017	-6	-.010	-1	-.002		5.8	.098	-9.2	-.161	-5.2	-.091	4.8	.084			
504	11.2	.195	10.1	.201	11.3	.197	-1.5	-.026	-4.4	-.077	-1.1	-.019		3.2	.056	4.2	.073	-4.7	-.082	5.0	.087			
505	11.9	.208	13.2	.230			-2.5	-.044	-2.3	-.040				5.3	.092	5.0	.087	-4.0	-.070	.9	.016			
506	10.3	.180	13.3	.232			-1.6	-.028	7.3	.127				3.3	.058	-1.1	-.019	-3.2	-.056	-2.5	-.044			
507	11.5	.201	13.1	.229	11.7	.204	.2	.003	-3.8	-.066	-7	-.012		3.2	.056	-14.4	-.251	-4.9	-.086	2.2	.038			
508	11.6	.206	14.3	.250	12.3	.215	-6	-.014	-2.1	-.037	-1.4	-.024		4.6	.080	-13.7	-.239	-6.7	-.117	1.5	.028			
509	12.2	.213	14.7	.257	12.1	.211	-1.5	-.026	2.6	.045	-2.0	-.035		2.9	.051	-2.0	-.035	-4.4	-.077	2.3	.040			
511	12.1	.211	14.7	.257			-1.2	-.021	1.9	.033				4.6	.080	-8.2	-.143	-3.7	-.065	-7.3	-.127			
512	13.9	.243	14.4	.251	13.8	.241	-4.0	-.070	1.6	.028	-4.1	-.072		5.1	.089	1.2	.021	-4.6	-.080	3.0	.052			
513	12.8	.223	12.3	.215			-6.4	-.112	-1.3	-.023				1.2	.021	12.3	.215	-1.8	-.031	-6.7	-.152			
514	12.8	.223	12.4	.216			4.3	.075	4.8	.084				5.8	.101	13.2	.230	-4.0	-.070	2.9	.051			
515	13.1	.229	16.2	.283			-1.8	-.031	-8	-.014				8.1	.141	3.6	.063	-4.1	-.072	2.4	.042			
516	12.4	.216	14.3	.250			-3.5	-.061	2.3	.040				1.1	.019	6.0	.105	-4.1	-.072	1.1	.019			
517	13.0	.243	14.9	.260			-2	-.003	-5.8	-.101				1.7	.030	-5.2	-.091	-1.4	-.024	1.8	.031			
518	12.9	.225	13.8	.241			-1.9	-.033	1.4	.024				-4	-.007	-2.0	-.035	-3.7	-.065	.6	.010			
519	13.4	.234	14.4	.251			-4.7	-.082	-3.5	-.061				1.6	.028	5.8	.098	-3.7	-.065	-3.2	-.058			
520	11.8	.206	11.8	.206			0.0	0.000	-5.2	-.091				0.0	0.000	-2.5	-.044	-4.0	-.070	.4	.007			
521	13.0	.227	13.8	.241	13.2	.230	-2.8	-.045	-8	-.014	-2.2	-.038		1.8	.031	.1	.002	-4.2	-.073	-5.2	-.081			
522	13.6	.237	14.1	.246			-3.7	-.065	-2.1	-.037				4.3	.075	-5.6	-.098	-4.8	-.084	-4.8	-.084			
523	13.4	.234	14.1	.246			2.7	.047	1.8	.028				2.1	.037	-5.1	-.089	-2.8	-.049	-1.8	-.028			
524	11.7	.204	14.7	.257			-2.3	-.040	-2.1	-.037				5.0	.087	2.2	.038	-4.7	-.082	-4.2	-.073			
525	11.1	.194	16.1	.281			-2	-.003	-9	-.016				6.0	.105	-1.3	-.023	-3.0	-.052	-1.3	-.023			
526	12.5	.218	14.0	.244			-3.4	-.059	-3.4	-.059				5.5	.096	3.1	.054	-5.2	-.091	-1.5	-.028			
527	10.0	.175	14.3	.250			0.0	0.000	-5	-.009				4.7	.082	6.6	.115	-5.2	-.091	-3.5	-.061			
528	12.6	.220	15.2	.265			-2.1	-.037	-1.3	-.023				5.5	.096	-3.4	-.059	-4.3	-.075	-3.4	-.059			
530	13.5	.236	19.6	.342			-1.9	-.033	.7	.012				2.0	.035	-11.6	-.202	-4.6	-.080	-4.8	-.084			



## LANDING DATA - MODEL TA-4F

USS ENTERPRISE (CVN-65)

DAY LANDINGS

UNDC	PITCH ANGLE			ROLL ANGLE			PITCH RATE			ROLL RATE			F. P. A.			YAW				
	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG		
NO	DEG	RAD	DEG	DEG	RAD	DEG	DEG	RAD	DEG	DEG	RAD	DEG	DEG	RAD	DEG	DEG	RAD	DEG		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
531	12.9	.225	14.9	.260			-1.3	-.023	-7.7	-.012			.9	.016	5.6	.098	-1.9	-.033	-1.6	-.028
532	9.4	.164	15.3	.267			2.0	.035	-1.5	-.026			5.3	.092	-1.1	-.019	-5.1	-.089	2.7	.047
533	11.9	.208	16.7	.281			-3.6	-.066	6.5	.113			-2.1	-.037	9.1	.159	-2.6	-.045	-7.4	-.129
535	14.2	.248	15.0	.282	14.8	.258	-3.3	-.065	11.7	.204	.2	.003	3.3	.058	1.4	.024	-1.2	-.021	-4.4	-.077
536	11.9	.208	15.9	.277			1.3	.023	-1.0	-.017			0.0	0.000	9.0	.157	-3.5	-.061	.9	.016
538	12.0	.209	14.5	.253	11.8	.206	-2.8	-.049	-3.8	-.066	-2.3	-.040	0.0	0.000	12.0	.209	-9	-.016	-3.3	-.065
539	12.8	.223	12.1	.211			-5.8	-.101	2.2	.038			-1.6	-.031	18.1	.316	-3.3	-.058	-1.1	-.019
540	12.4	.216	14.2	.248			-5.0	-.067	-1.3	-.023			3.5	.061	10.3	.180	-4	-.007	.7	.012
543	11.9	.208	14.6	.255			-6.9	-.120	-4	-.007			.9	.016	16.8	.293	2.7	.047	-5.0	-.087
544	13.9	.243	13.2	.230			-2	-.003	.6	.010			1.9	.033	-1.8	-.031	-4.2	-.073	4.6	.080
545	14.6	.255	13.8	.241			.7	.012	5.0	.087			-5.3	-.092	13.3	.232	.9	.016	-4.3	-.075
546	9.8	.171	13.7	.239			.9	.016	-1.9	-.033			13.4	.234	-5.2	-.091	-5.5	-.096	3.3	.058
547	13.8	.241	14.9	.260			3.6	.063	4.0	.070			4.3	.075	-4.8	-.084	-5.2	-.091	2.9	.051
548	12.5	.218	14.9	.260			-7.7	-.012	-2.2	-.003			-3	-.005	11.3	.197	.8	.014	-3.8	-.066
549	12.3	.215	14.3	.250			6.3	.110	2.2	.038			5.7	.099	6.2	.108	-3.5	-.061	1.4	.024
550	14.4	.251	15.7	.274	15.3	.267	2.8	.048	.8	.014	1.7	.030	7.7	.134	-7.1	-.124	-6.9	-.120	6.6	.115
551	10.5	.183	12.7	.222			1.3	.023	2.1	.037			6.5	.113	-10.3	-.180	-6.1	-.106	3.7	.065
552	12.3	.215	15.6	.272	11.7	.204	0.0	0.000	-4.7	-.082	0.0	0.000	-2.4	-.042	.8	.014	-4.2	-.073	4.7	.082
553	11.1	.194	13.2	.230			-5.3	-.092	1.3	.023			.6	.010	2.2	.038	-3.3	-.058	-5	-.009
554	11.3	.197	16.5	.288	11.7	.204	-3.4	-.059	0.0	0.000	-3.1	-.054	11.3	.197	-3.2	-.056	-5.8	-.098	4.2	.073
556	11.9	.208	14.6	.255			1.2	.021	.5	.009			8.3	.145	-3.2	-.056	-7.4	-.129	5.1	.089
558	13.0	.227	16.9	.285			1.1	.019	3.2	.056			9.1	.159	.9	.016	-7.6	-.133	2.2	.038
560	10.4	.181	13.5	.236	10.6	.185	3.2	.056	1.0	.017	2.1	.037	0.0	0.000	-1.9	-.033	-4.3	-.075	1.4	.024
563	16.4	.286	15.5	.270			1.1	.019	-4.0	-.070			2.6	.045	-5.1	-.089	-7.8	-.136	6.2	.108
564	12.6	.223					-1.5	-.026					6.5	.113	-16.8	-.293	-6.6	-.115	5.1	.089
565	12.0	.209	15.2	.265	12.2	.213	5.0	.087	-3.5	-.061	4.1	.072	2.7	.047	-6.6	-.115	-4.2	-.073	3.2	.056
567	12.5	.218	12.9	.225			6.0	.105	-2.9	-.051			4.3	.075	-5	-.069	-8	-.014	-7	-.012
568	9.4	.164	15.4	.269	13.3	.232	1.4	.024	.4	.007	3.4	.059	19.0	.332	9.7	.169	-3.6	-.059	.5	.009
569	10.7	.187	14.5	.253			-1.4	-.024	1.3	.023			.4	.007	1.9	.033	.2	.003	-5.2	-.081
570	12.8	.223	15.3	.267	13.1	.229	-1.7	-.030	-2.6	-.045	-1.9	-.033	7.2	.126	-2.8	-.049	-6.9	-.120	5.5	.096
572	11.0	.192	14.1	.246			.5	.009	-4.3	-.075			-1.4	-.024	10.2	.178	-2.1	-.037	1.5	.026
573	11.7	.204	14.2	.248			-1.4	-.024	.1	.002			6.0	.120	11.7	.204	-4.3	-.075	3.1	.054
576	13.4	.234	15.2	.265	12.8	.223	-1.6	-.028	-9	-.016	-1.8	-.031	-1.3	-.023	4.7	.082	-1.4	-.024	-1.1	-.019
577	12.8	.223	16.1	.281	13.6	.237	-4.3	-.075	-3.0	-.052	-3.7	-.065	7.9	.138	7.7	.134	-5.1	-.089	4.5	.079
579	12.1	.211	12.9	.225			-3	-.005	-3.2	-.056			8.2	.143	-5	-.069	-3.7	-.065	3.9	.068
580	14.3	.250					-4.3	-.075			-3.4	-.059	3.4	.059	4.7	.082	-3.8	-.066	.4	.007
582	11.2	.195	13.2	.230			1.5	.026	2.2	.038			4.1	.072	4.3	.075	1.7	.030	-1.4	-.024
583	9.1	.159					-3.4	-.059					-4	-.007	10.5	.183	-6	-.010	-7	-.012
585	11.6	.202	17.3	.302	11.5	.201	4.3	.075	4.1	.072	4.4	.077	.7	.012	.2	.003	-3.1	-.054	.6	.010
586	11.7	.204	11.8	.206			-1.5	-.026	1.3	.023			-3.6	-.063	1.4	.024	-1.6	-.028	-9	-.016

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

LNOG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	NO	TD	OR	FF	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
507	12.2	.213	14.5	.253	11.6	.206	-1.4	-.024	-2.0	-.035	-.2	-.003	2.9	.051	-2.4	-.042	-3.2	-.056	3.9	.068				
508	11.8	.206	17.7	.309	12.5	.218	-.4	-.007	2.4	.042	.1	.002	0.0	0.000	4.2	.073	-1.4	-.024	-4.4	-.077				
509	12.4	.216	14.0	.244	12.4	.216	1.0	.017	-9	-.016	1.0	.017	2.0	.035	-1.1	-.019	-2.0	-.045	1.3	.023				
501	10.1	.176	15.2	.265			1.6	.028	0.0	0.000			3.5	.061	-5.5	-.096	-4.4	-.077	2.0	.035				
502	12.9	.225	14.2	.248			-2.8	-.049	5.9	.103			7.5	.131	-0.3	-.145	-2.4	-.042	-1.3	-.023				
737	11.8	.206	15.3	.267			1.5	.026	-2.4	-.042			3.1	.054	-10.0	-.175	-5.8	-.101	2.3	.040				
738	12.5	.218	13.4	.234			-.9	-.016	.4	.007			-.6	-.010	10.2	.178	-1.1	-.019	-.2	-.003				
740	10.0	.175	10.6	.185			-2.8	-.049	.1	.002			3.8	.066	-4.2	-.073	-3.1	-.054	6.8	.119				
742	12.6	.220	15.0	.262			-2.0	-.035	.4	.007			2.6	.045	3.4	.059	-3.3	-.058	3.0	.052				
743	12.6	.220	16.1	.281			-3.5	-.061	-1.8	-.031			5.4	.094	7.5	.131	-2.5	-.044	3.1	.054				
744	10.7	.187	11.9	.208			-2.0	-.035	-4.6	-.060			3.4	.059	-4.5	-.079	-5.9	-.103	8.5	.148				
746	14.3	.250	16.1	.281			-1.5	-.026	.8	.014			2.7	.047	.4	.007	-3.7	-.065	1.5	.026				
747	11.0	.192	14.9	.260			.2	.003	.4	.007			7.9	.138	-.7	-.012	-8.3	-.110	7.3	.127				
749	13.0	.227	14.2	.248			-1.2	-.021	-3.1	-.054			1.5	.026	5.9	.103	-4.4	-.077	4.1	.072				
750	11.3	.197	14.0	.244	11.5	.201	-3.1	-.054	.2	.003	-2.6	-.045	2.1	.037	9.6	.168	-4.1	-.072	3.5	.061				
751	11.4	.199	13.1	.229	11.2	.205	4.7	.082	4.3	.075	4.0	.070	3.8	.066	-5.2	-.091	-5.1	-.089	3.0	.052				
752	12.5	.218	13.6	.237			3.3	.056	3.3	.056			3.2	.056	3.6	.063	-5.9	-.103	9.8	.171				
753	10.5	.183	13.7	.239	10.0	.200	2.1	.037	-2.9	-.051	1.9	.033	4.9	.086	-7.7	-.134	-7.4	-.129	8.2	.143				
755	12.2	.213	15.2	.265			-1.6	-.028	5.7	.099			.2	.003	-5.6	-.098	-6.1	-.106	3.4	.059				
756	11.4	.199	15.4	.269			.8	.014	10.3	.100			2.6	.045	-16.5	-.288	-5.1	-.089	2.3	.040				
757	13.0	.243	13.6	.241			-3.2	-.056	-4.2	-.073			3.5	.061	-1.5	-.026	-2.7	-.047	1.5	.026				
758	9.3	.162	12.3	.215			-.7	-.012	1.0	.017			5.8	.087	11.8	.206	-5.5	-.096	8.2	.143				
759	7.8	.136	12.5	.218			.8	.014	-2.5	-.044			5.2	.091	3.1	.054	-5.9	-.103	3.1	.054				
760	12.4	.216	14.6	.255			-8.0	-.140	-1.1	-.002			1.9	.033	4.4	.077	-3.2	-.056	1.2	.021				
762	12.3	.215	15.3	.267	12.3	.215	1.4	.024	2.3	.040	1.0	.017	3.9	.066	-1.4	-.024	-5.7	-.099	3.9	.068				
763	11.9	.208	15.0	.277			-3.1	-.054	-3.7	-.065			4.9	.086	-1.8	-.031	-3.9	-.068	3.9	.068				
764	12.1	.211	15.4	.269			-6.2	-.100	3.4	.059			4.8	.084	22.6	.394	-1.5	-.026	.8	.014				
765	12.3	.215	15.1	.263			3.7	.065	4.7	.082			0.0	0.000	-5.7	-.099	-5.3	-.092	1.3	.023				
766	11.1	.194	15.4	.269			.7	.012	-2.2	-.030			7.0	.122	1.3	.023	-6.4	-.112	5.4	.094				
767	10.7	.187	14.6	.255	10.7	.207	-.4	-.007	2.6	.045	-3	-.005	1.4	.024	2.2	.038	-4.8	-.084	3.2	.056				
768	13.6	.237	16.0	.295			-.8	-.014	-4	-.007			5.0	.087	5.3	.092	-4.4	-.077	1.8	.031				
769	11.3	.197	13.5	.236			-.9	-.016	1.0	.017			2.7	.047	2.7	.047	-5.1	-.089	2.3	.040				
770	12.6	.220	13.7	.239			5.5	.098	1.3	.023			3.6	.063	2.5	.044	-5.2	-.091	6.2	.108				
771	14.4	.251	14.6	.255	14.5	.253	-5.4	-.094	-4.0	-.070	-4.9	-.086	3.0	.052	5.8	.101	-5.5	-.096	6.3	.110				
774	14.6	.255	13.6	.237			-3.7	-.065	-2.5	-.044			12.5	.218	-1.5	-.026	-10.0	-.175	9.7	.169				
777	11.0	.192	14.3	.250			-1.1	-.019	.5	.009			7.8	.136	-14.9	-.260	-5.5	-.096	3.9	.068				
778	9.5	.166	14.7	.257	9.7	.209	-1.4	-.024	.5	.009	-1.3	-.023	6.5	.113	-13.5	-.236	-5.6	-.098	2.7	.047				
779	11.2	.195	12.1	.211			2.8	.049	.6	.010			4.1	.072	2.0	.035	-5.7	-.099	6.6	.115				
780	13.5	.236	13.3	.232			3.8	.066	3.3	.058			-3.1	-.054	5.7	.099	2.2	.038	-4.8	-.084				
781	10.5	.183	14.9	.260			3.7	.065	3.6	.063			0.0	0.000	-1.2	-.021	-5.2	-.091	8.0	.140				

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LOADING DATA - MODEL TA-4F

LNOG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW							
	NO	TD	OR	FF	TD	DEG	RAD	DEG	OR	TD	DEG	RAD	DEG	FF	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61								
783	11.3	.187	15.4	.269	11.6	.262	.1	.002	5.4	.094	.4	.007	0.0	0.000	-4	-.007	-5.7	-.099	6.4	.112								
784	10.6	.185	14.1	.246		.5	.009	-1.8	-.031				9.9	.173	-3.2	-.056	-2.2	-.038	2.0	.035								
786	11.8	.206	13.1	.229	12.3	.215	-0.9	-.016	1.7	.030	-1.2	-.003	7.4	.129	16.4	.286	-4.0	-.070	2.1	.037								
788	13.1	.220	16.6	.280		-1.8	-.031	-4.5	-.070				6.3	.145	-10.9	-.190	-4.6	-.080	4.0	.070								
792	11.4	.199	13.7	.230		-2.5	-.044	-2.2	-.003				3.7	.065	-3.1	-.054	-4.5	-.079	-6.5	-.113								
793	9.6	.168	14.4	.251		-1.1	-.010	-8	-.014				7.3	.127	-10.3	-.180	-4.2	-.073	-4.3	-.075								
794	10.3	.180	14.7	.257		-1.1	-.002	-1.1	-.002				0.0	0.000	-2.6	-.045	-6.1	-.106	-3.8	-.066								
795	13.8	.241	14.9	.260		.7	.012	-2.6	-.045				5.1	.089	-1.1	-.002	-3.4	-.059	-2.2	-.038								
796	12.5	.218	14.7	.257		-6	-.010	.4	.007				4.1	.072	8.9	.155	-3.6	-.063	-3.9	-.060								
797	11.0	.192	17.3	.302		-2.4	-.042	2.3	.040				7.3	.127	3.8	.068	-5.5	-.096	-5.8	-.101								
798	12.5	.216	16.5	.288		-1.1	-.019	-5	-.009				3.6	.063	-1.4	-.024	-5.3	-.092	-5.1	-.089								
799	14.1	.246	14.8	.258		-3.9	-.068	8.6	.150				.9	.016	-10.9	-.190	-1.9	-.033	-4.0	-.070								
800	8.6	.150	14.2	.248		0.0	0.000	1.4	.024				6.8	.119	4.2	.073	-3.4	-.059	-3.0	-.052								
801	9.7	.169	14.4	.251		1.4	.024	3.4	.059				3.3	.058	-9.6	-.168	-4.0	-.070	-4.7	-.082								
802	13.9	.243	12.8	.223		-3.1	-.054	3.6	.063				4.0	.070	-8.8	-.154	-2.4	-.042	-8.2	-.143								
803	11.9	.206	13.7	.230		.5	.009	-1.1	-.002				5.4	.094	-9.6	-.168	-4.2	-.073	-2.4	-.042								
804	11.6	.202	13.0	.227	12.1	.211	2.9	.051	2.5	.044	3.9	.068	3.4	.059	-1.9	-.033	-4.7	-.082	-4	-.087								
806	9.8	.171	13.2	.230		1.0	.017	7.6	.136				8.4	.147	-5	-.069	-3.2	-.056	-3.4	-.059								
808	11.3	.197	15.3	.267	11.4	.199	-1.0	-.017	-8	-.010	-2.4	-.042	3.4	.059	-0.4	-.184	-5.0	-.087	-4.0	-.070								
809	11.8	.206	13.9	.243		-1.2	-.021	-9	-.016				-3	-.005	-4.9	-.086	-4.4	-.077	-5.3	-.082								
810	10.5	.183	12.5	.218		-2	-.003	-1.9	-.033				4.6	.080	5.0	.087	-4.1	-.072	1.4	.024								
811	10.7	.187	14.3	.250		2.0	.035	.3	.005				4.2	.073	-2	-.003	-5.4	-.094	-9	-.016								
812	10.2	.178		.200	10.3	.180	-6	-.016	-1.8	-.031	-1.5	-.026	3.0	.052	1.3	.023	-4.7	-.082	-3.0	-.052								
813	12.7	.222	16.6	.290		-6.0	-.105	-1.8	-.031				9.2	.161	4.2	.073	-5.1	-.089	-3.8	-.066								
815	9.1	.150	14.7	.257		.9	.016	-1.0	-.017				7.2	.126	11.3	.197	-4.5	-.079	-4.5	-.079								
816	11.8	.206	15.5	.270		.5	.009	-6	-.010				0.0	0.000	19.2	.335	-4.0	-.070	-4.1	-.072								
818	12.4	.216	15.1	.263	12.3	.215	-1.9	-.033	2.6	.045	-2.1	-.037	3.6	.063	-4.6	-.080	-4.0	-.070	-4.6	-.060								
819	12.4	.216	15.6	.272		-6.2	-.108	.8	.014				10.6	.185	4.4	.077	-5.7	-.099	-2.5	-.044								
820	12.6	.220	14.0	.244		-3	-.005	-3	-.005				2.7	.047	.9	.016	-5.2	-.091	.6	.010								
821	10.2	.178	13.2	.230		1.0	.017	1.4	.024				3.5	.061	-5.5	-.096	-3.0	-.052	-2.4	-.042								
822	11.8	.206	13.1	.229		-3.2	-.056	2.4	.042				3.7	.065	-12.0	-.209	-4.0	-.070	-3.2	-.056								
823	14.4	.251	14.5	.253		-4.6	-.080	2.5	.044				3.1	.054	4.8	.080	-2.7	-.047	2.2	.038								
824	8.6	.150	12.4	.216	9.1	.150	-5	-.009	2.4	.042	.5	.009	5.0	.087	7.2	.126	-5.5	-.096	-1.7	-.030								
825	12.1	.211	13.7	.230		-2	-.003	4.8	.084				-1	-.002	2.8	.049	-3.6	-.063	-3.0	-.052								
826	11.1	.194	14.0	.244		-1.7	-.030	11.4	.199				5.6	.098	4.3	.075	-4.1	-.072	-8.3	-.110								
828	12.0	.209	14.4	.251	11.3	.197	1.8	.031	-1.2	-.021	1.6	.028	1.3	.023	7.1	.124	-5.5	-.096	0.0	.000								
829	11.9	.206	12.9	.225		3.7	.065	2.3	.040				4.1	.072	2.1	.037	-4.4	-.077	1.6	.028								
830	11.3	.197	16.3	.284		-2.0	-.035	-1.1	-.002				7.6	.133	8.6	.156	-4.0	-.070	4.8	.084								
831	11.8	.206	13.8	.241		7.5	.131	1.0	.017				3.4	.059	-30.7	-.536	-7	-.012	1.0	.017								
832	11.6	.202	11.4	.199		-6	-.010	6.4	.112				6.2	.108	8.1	.141	-4.8	-.084	-2.4	-.042								

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

UNCG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	NO	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD	OR	DEG	TD

[illegible]

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

LNOG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW			
	TO		OR		TO		OR		AT TD		AT TD		AT TD		AT TD		AT TD		AT TD		AT TD		AT TD	
	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61				
1001	11.6	.202	12.1	.211			-1.1	-.019	3.1	.054			8.5	.148	1.9	.033	-2.5	-.044			.3	.005		
1002	11.0	.192	16.5	.288			-5.5	-.096	-2.5	-.044			7.4	.129	15.6	.272	-3.1	-.054			.5	.009		
1003	17.1	.298	15.9	.277			-2.2	-.038	.5	.009			-2.9	-.051	8.2	.143	-1.9	-.033			1.1	.019		
1004	11.7	.204	12.1	.211			-1.1	-.002	.6	.010			7.7	.134	2.2	.038	-4.8	-.084			3.2	.056		
1006	14.5	.253	17.4	.304	15.3	.267	-8	-.014	2.8	.049	-1	-.002	6.5	.113	6.0	.105	-2.8	-.049			1.6	-.028		
1008	13.7	.239	15.6	.272	14.3	.250	-7	-.012	4.9	-.066	.2	.003	1.2	.021	-4.0	-.070	-3.1	-.054			1.3	.023		
1009	12.4	.216	11.9	.208			-2.2	-.038	3.6	.063			1.7	.030	5.5	.096	-2.0	-.035			.7	-.012		
1011	12.6	.220	15.0	.262			-7	-.012	1.8	.031			0.0	0.000	-1.6	-.028	-4.5	-.079			1.4	.024		
1012	15.0	.262	15.7	.274	16.0	.279	-7	-.012	.2	.003	-6	-.010	6.7	.117	-3.0	-.052	-2.7	-.047			.8	.014		
1013	12.9	.225	14.4	.251			4.3	.075	-6.2	-.108			4.5	.079	6.5	.113	-5.9	-.103			5.3	.092		
1014	11.2	.195	12.9	.225	11.4	.199	-3.1	-.054	-3	-.005	-2.6	-.045	2.2	.038	7.1	.124	-2.6	-.045			.7	-.012		
1016	11.4	.199	11.5	.201			-4.5	-.079	-3.9	-.068			5.3	.092	-8.8	-.154	-3.5	-.061			3.1	.054		
1017	12.5	.218	16.0	.279	12.9	.225	-5.7	-.099	.8	.014	-5.6	-.098	5.1	.089	1.1	.019	-4.1	-.072			3.0	.052		
1018	12.1	.211	14.4	.251			-1.5	-.009	-1.5	-.026			6.9	.129	2.8	.049	-2.6	-.045			2.4	.042		
1019	14.4	.251	14.6	.258			-1.2	-.021	-3.5	-.061			0.0	0.000	6.3	.110	-7.2	-.126			5.8	.101		
1020	9.7	.169	12.8	.223			-3.8	-.066	-3.0	-.052			7.9	.138	-1	-.002	-5.4	-.094			3.3	.058		
1021	12.2	.213	13.6	.241			-3.2	-.056	-2.8	-.049			3.6	.066	1.1	.019	-3.1	-.054			2.2	.038		
1023	11.0	.192	13.3	.232			-5.9	-.103	8.8	.154			8.0	.140	-1.7	-.030	-3.7	-.065			.5	-.009		
1025	10.5	.183	12.2	.213	11.2	.195	-1	-.002	4.7	.062	.2	.003	8.6	.150	7.2	.126	-2.5	-.044			.6	.010		
1027	11.8	.206	13.8	.241			-9	-.016	-1.5	-.026			1.3	.023	20.8	.363	-1.5	-.026			.2	.003		
1031	12.0	.209	14.2	.248			-6.0	-.140	6.5	.113			3.6	.063	8.9	.155	2.0	.035			.8	-.155		
1033	10.9	.190	11.8	.206			1.4	.024	-4.9	-.086			.6	.010	2.9	.051	-3.7	-.065			2.3	.040		
1034	10.2	.178	13.6	.241			-1	-.002	1.3	.023			5.3	.092	8.0	.140	-4.3	-.075			1.8	.031		
1035	10.8	.188	11.9	.208			.3	.005	-3.4	-.059			2.7	.047	4.3	.075	-3.4	-.059			2.9	.051		
1036	11.4	.199	14.6	.255	11.6	.202	-1.3	-.023	-1	-.002	-1.3	-.023	4.1	.072	5.1	.089	-4.2	-.073			1.6	.028		
1037	14.4	.251	13.2	.230	14.1	.246	-7.5	-.131	13.7	.239	-6.9	-.120	-6.9	-.120	17.1	.298	1.5	.026			-6.3	-.110		
1038	9.3	.162	11.9	.208			-3.8	-.066	2.3	.040			4.3	.075	-1	-.002	-2.3	-.040			-2.1	-.037		
1039	11.8	.206	12.0	.209			-1.6	-.028	-9	-.016			-1	-.002	12.0	.209	2.3	.040			-5.2	-.091		
1040	12.3	.215	12.9	.225			-1.6	-.028	-2.3	-.040			6.9	.120	7.3	.127	-1.5	-.028			-4.6	-.080		
1041	11.8	.206	14.1	.246			-3.1	-.054	.3	.005			4.2	.073	.8	.014	-2.9	-.051			1.7	.030		
1042	13.0	.227	11.5	.201			-3.6	-.063	-9	-.016			3.7	.065	10.5	.183	-7	-.012			-1.2	-.021		
1043	10.1	.178	11.1	.194			-9	-.016	4.1	.072			-1	-.002	5.0	.087	-2.1	-.037			1.9	.033		
1045	12.0	.209	11.4	.199			-5.5	-.096	-4.9	-.086			-9	-.016	-1.8	-.031	-2.7	-.047			.2	.003		
1046	10.6	.185	10.3	.180			-2.8	-.049	4.7	.082			3.3	.058	9.3	.162	-2.6	-.045			-1.1	-.019		
1048	10.8	.188	14.3	.250	11.5	.201	-3.4	-.059	4.5	.079	-2.8	-.049	5.2	.091	5.8	.101	-1.5	-.026			-4.9	-.086		
1049	13.3	.232	14.1	.246			7.9	.138	-6.4	-.112			2.4	.042	14.7	.257	-4.5	-.079			2.8	.049		
1050	11.7	.204	13.2	.230	11.7	.204	-2.0	-.035	-3.3	-.058	-1.7	-.030	3.7	.065	12.0	.209	-2.8	-.049			.9	.016		
1051	13.2	.230	16.5	.288			-7	-.012	1.0	.017			2.9	.051	9.5	.166	-3.5	-.061			-1.3	-.023		
1054	8.7	.152	14.5	.253			-1.3	-.023	1.7	.030			15.5	.270	13.2	.230	-4.0	-.070			1.5	.026		
1055	9.9	.173	11.7	.204	10.0	.175	-2.2	-.038	7.6	.133	-1.8	-.031	2.9	.051	-4.7	-.082	-3.4	-.059			-1.0	-.017		

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

LNOG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW								
	NO	TD	OR	DEG	RAD	DEG	RAD	FF	TD	OR	DEG	RAD	DEG	RAD	FF	TD	OR	DEG	RAD	DEG	RAD	FF	TD	OR	DEG	RAD	DEG	RAD	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61									
1056	10.7	.187	13.8	.241			-4.4	-.077	-1.0	-.017			2.9	.051	15.7	.274	-2.2	-.038	-7	-.012									
1057	11.7	.204	13.9	.243			-1.4	-.024	8.7	.152			4.0	.070	1.9	.033	-3.6	-.063	-1	-.002									
1058	9.9	.173	11.8	.206			-4.3	-.075	5.4	.094			5.6	.098	13.8	.241	-2.2	-.038	-2.8	-.049									
1059	11.0	.182	12.6	.220			-3.2	-.056	-2.4	-.042			3.3	.058	8.3	.110	-2.9	-.051	.9	.016									
1060	13.8	.241	10.6	.185			-3.6	-.063	-2.7	-.047			-3.1	-.054	-9.5	-.166	-1.2	-.021	.3	.005									
1061	9.2	.161	14.7	.257			.8	.014	-1.6	-.028			7.0	.122	16.4	.286	-4.2	-.073	2.1	.037									
1062	12.9	.225	10.6	.185			2.1	.037	1.4	.024			2.5	.044	-4.4	-.077	-2.1	-.037	1.7	.030									
1063	11.5	.201	13.3	.232			-2	-.063	5.6	.096			1.1	.019	.3	.005	-5.6	-.098	.5	.009									
1064	11.7	.204	13.5	.236			-5.8	-.101	-3.5	-.061			3.9	.068	1.1	.019	-5.0	-.087	-8	-.014									
1065	11.0	.182	13.3	.232	11.7	.204	-1.4	-.024	1.1	.019	-2.0	-.035	10.5	.183	6.5	.113	-1.2	-.021	-3	-.005									
1066	8.7	.152	15.5	.270			-6.7	-.117	-5.5	-.096			5.1	.089	-3.4	-.059	-5.0	-.087	3.2	.056									
1067	12.2	.213	11.1	.194			1.7	.030	.2	.003			1.0	.017	-14.0	-.244	-2.8	-.049	-6	-.010									
1068	11.3	.197	10.2	.178			-3.3	-.058	4.0	.070			0.0	.000	.4	.007	-4.0	-.070	3.3	.058									
1069	9.0	.157	10.7	.187			-4.2	-.073	-4.7	-.082			.8	.010	.7	.012	-1.7	-.030	-1.3	-.023									
1070	11.9	.206	13.3	.232			-9.9	-.106	7.0	.122			7.2	.126	1.5	.026	-2.7	-.047	1.7	.030									
1071	12.1	.211	12.5	.218			.6	.010	-1.0	-.031			1.9	.033	-2.0	-.035	-3.3	-.058	.5	.009									
1072	13.3	.232	14.4	.251			1.3	.023	-2.0	-.035			7.3	.127	-3.0	-.052	-1.7	-.030	1.2	.021									
1073	10.7	.187	15.3	.267			-3.3	-.058	-1.1	-.019			3.4	.059	7.1	.124	-2.5	-.044	1.1	.019									
1075	11.6	.202	13.3	.232	12.1	.211	-1.5	-.026	-2.2	-.063	-1.1	-.019	2.5	.044	-7.1	-.124	-3.3	-.065	-4.2	-.073									
1078	14.1	.246	14.4	.251			-1.1	-.019	-1.8	-.031			5.8	.101	-7.4	-.129	-4.5	-.070	-5.7	-.099									
1079	10.2	.178	10.0	.279			-3	-.005	2.6	.045			-1.5	-.026	-3.7	-.065	-5.8	-.101	-6.8	-.119									
1080	12.3	.215	13.2	.230			-1	-.002	-3.9	-.068			5.2	.091	6.0	.105	-5.1	-.089	-5.1	-.089									
1082	10.1	.176	13.2	.230			-4.1	-.072	-1.8	-.031			1.8	.031	5.4	.094	-3.0	-.052	-2.5	-.044									
1083	13.1	.229	13.7	.239			-2.8	-.049	-2.6	-.045			1.0	-.017	8.4	.147	-1.6	-.028	-5.0	-.087									
1084	14.3	.250	13.9	.243	13.6	.237	-2.4	-.042	5.0	.067	-1.8	-.031	4.2	.073	4.6	.080	-2.6	-.045	-3.2	-.056									
1085	10.7	.187	15.0	.262			-2.4	-.042	.6	.010			3.2	.056	27.9	.487	1.2	.021	-5.1	-.089									
1086	13.8	.241					-4.5	-.078					6.5	.113	8.4	.147	-3.5	-.061	-2.4	-.042									
1087	11.1	.184	13.4	.234			1.6	.028	2.7	.047			4.1	.072	3.5	.061	-1	-.002	-1.6	-.028									
1089	15.6	.272	15.3	.267	15.8	.276	-1.5	-.026	-1.7	-.030	-7	-.012	2.8	.049	-2	-.003	-5.4	-.094	-2.9	-.051									
1090	9.6	.168	12.3	.215			-2.7	-.047	-3.7	-.065			6.3	.110	2.4	.042	-5.0	-.087	-6	-.010									
1091	11.0	.206	14.2	.246			-7	-.012	.0	.014			3.1	.054	10.5	.183	-3.5	-.061	-7.2	-.126									
1092	13.4	.234	12.7	.222			-4.8	-.084	-1.2	-.021			7.4	.129	9.0	.157	-4.3	-.075	.5	.009									
1093	11.7	.204	15.0	.262			-1	-.002	2.2	.038			4.0	.070	.3	.005	-5.6	-.098	.4	.007									
1094	9.8	.171	12.0	.206			1.1	.019	-1.5	-.026			6.7	.117	-9.9	-.173	-1.0	-.031	-3.8	-.066									
1095	11.7	.204	14.0	.244	11.9	.208	-7	-.012	-2.0	-.035	-2.0	-.035	9.3	.162	1.8	.031	-4.6	-.080	1.9	.033									
1212	11.0	.192	17.3	.262			4.4	.077	-2.7	-.047			4.9	.086	13.6	.237	-4.1	-.072	-8.6	-.168									
1213	9.6	.168	15.1	.263			-4.2	-.073	6.2	.108			5.0	.087	1.2	.021	-6.1	-.106	1.7	.030									
1214	13.8	.241	14.7	.257			-2.9	-.051	-3	-.065			4.9	.086	3.3	.058	-5.1	-.089	-2.1	-.037									
1215	14.0	.244	16.3	.284			-8	-.014	3.2	.056			6.7	.117	2.2	.038	-4.5	-.079	-1.5	-.026									
1216	12.1	.211	15.0	.262			2.4	.042	-7	-.012																			

LANDING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS										
UNCG	PITCH ANGLE					ROLL ANGLE					PITCH RATE					ROLL RATE					F. P. A.					YAW				
	NO	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF	TD	OR	FF		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61										
1217	12.2	.213	14.2	.248																										
1218	13.3	.232	16.7	.291																										
1220	11.0	.192																												
1221	11.1	.194	15.1	.263																										
1222	10.6	.185	12.9	.225																										
1223	10.0	.175	14.5	.253	10.6	.185																								
1224	12.1	.211	14.1	.246																										
1225	10.6	.185	14.0	.244																										
1226	12.3	.215	13.5	.236																										
1227	13.6	.237	14.2	.248																										
1228	12.5	.218	13.8	.241																										
1229	11.8	.206	14.3	.250																										
1231	11.0	.192	13.3	.232	11.0	.192																								
1232	10.3	.180	14.3	.250																										
1235	10.8	.186	14.0	.244																										
1237	15.3	.267	16.5	.288																										
1239	12.8	.223	14.5	.253																										
1242	11.7	.204	13.5	.236	11.6	.202																								
1245	13.6	.237	16.3	.284																										
1246	13.5	.236	15.0	.282	13.6	.237																								
1247	12.6	.223	15.6	.272																										
1248	11.4	.199	15.1	.263	11.4	.199																								
1249	12.2	.213	15.5	.270	12.6	.220																								
1250	12.2	.213	13.4	.234																										
1251	12.6	.220	15.9	.277																										
1252	13.3	.232	14.7	.257																										
1253	14.8	.258	16.3	.284																										
1254	11.3	.197	12.7	.222																										
1255	13.4	.234	14.9	.260																										
1256	11.3	.197	13.7	.230	11.8	.206																								
1257	11.6	.202	14.2	.248																										
1258	13.1	.229	15.0	.262																										
1259	12.4	.216	14.0	.244																										
1260	11.7	.204	14.5	.253																										
1261	10.2	.178	12.9	.225																										
1265	13.4	.234	14.2	.248																										
1266	10.4	.181	15.0	.262																										
1267	14.6	.255	14.3	.250																										
1268	11.7	.204	14.7	.257																										
1269	11.6	.202	11.9	.208	11.8	.206																								



LANDING DATA - MODEL TA-4F												USS ENTERPRISE (CVN-65)												DAY LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
UNDC	NO	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.				YAW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		TD	DEG	RAD	DEG	TD	DEG	RAD	DEG	FF	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT	TD	DEG	RAD	DEG	AT

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

LNDG NO	PITCH ANGLE			ROLL ANGLE			PITCH RATE			ROLL RATE			F. P. A.			YAW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	TD	OR	FF	TD	OR	FF	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG	AT	TD	DEG

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LANDING DATA - MODEL TA-4F

LNOG	PITCH ANGLE				ROLL ANGLE				PITCH RATE				ROLL RATE				F. P. A.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	NO	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR	DEC	RAD	DEG	FF	TD	OR

Landing Data - Model TA-4F										USS Enterprise (CVN-65)										Day Landings																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	NO	TD	OR	DEG	RAD		TD	OR	DEG	RAD	TD		OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD		OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR	DEG	RAD	AT	TD	OR

LNG	PITCH ANGLE			ROLL ANGLE			PITCH RATE			ROLL RATE			F. P. A.			YAW					
	TD	DEG	RAD	TD	DEG	RAD	FF	DEG	RAD	DEG	RAD	DEG	RAD	DEG	RAD						
NO	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	
1656	14.7	257 15.4		.269		.250	2.0	.035	3.0	.052			4.7	.082	10.6	.185	-2.1	-.037	-2.2	-.003	
1658	14.3	250 15.0		.276	14.3		1.0	.017	-7.7	-.012	1.2	.021	1.6	.028	-1.6	-.028	-3.7	-.065	-4.4	-.007	
1659	14.8	256 13.1		.229			1.8	.031	4.2	.073			0.0	0.000	14.6	.255	-3.3	-.058	-2.7	-.003	
1660	14.7	222 15.7		.274			2.5	.044	-2.4	-.042			2.0	.035	-9.0	-.016	2.7	.047	-1.7	-.030	
1662	13.6	237 15.3		.267			5.9	.103	-9.7	-.169			1.1	.019	-13.4	-.234	-3.4	-.059	4.9	.006	
1663	11.4	199 14.7		.257	11.4		1.99	1.1	.019	2.0	.035	.023	7.9	.138	-9.9	-.173	-6.1	-.106	2.2	.038	
1665	11.0	192 12.9		.225	10.6		.190	-2.3	-.040	.7	.012	-2.0	0.0	0.000	3.6	.063	-3.5	-.061	.6	.010	
1666	13.3	232 15.4		.269			.7	.012	-1.7	-.036			5.0	.087	6.9	.120	-4.9	-.086	1.3	.023	
1667	14.7	257 16.6		.290			2.0	.035	1.1	.009			6.1	.106	-6.4	-.112	-4.0	-.070	.7	.012	
1668	12.3	215 15.0		.272			1.5	.026	4.8	.004			6.2	.100	9.8	.171	-2.4	-.042	.6	.010	
1669	9.7	169 10.2		.178			-3.5	-.061	6.5	.113			4.8	.084	-12.0	-.223	-3.0	-.052	-3.3	-.005	
1670	12.8	223 15.0		.262			-8.8	-.014	2.5	.044			8.6	.150	5.9	.103	-4.3	-.075	.3	.005	
1671	12.1	211 14.7		.257			3.8	.066	-1.5	-.026			2.3	.040	-8.1	-.106	-4.2	-.073	1.4	.024	
1672	13.0	243 15.5		.270			3.3	.058	5.8	.101			8.7	.152	-2.5	-.044	-5.3	-.092	1.0	.031	
1674	13.1	229 15.4		.269			-2.4	-.042	2.8	.049			9.7	.169	3.0	.052	-9.8	-.171	7.6	.133	
1675	13.1	229 13.5		.236			5.6	.098	-8.8	-.014			7.0	.136	-12.8	-.223	-2.7	-.047	-2.3	-.040	
1677	12.7	222 15.3		.267			-4.4	-.007	5.1	.009			6.8	.119	21.2	.370	-7.7	-.012	-3.4	-.059	
1678	8.7	152 13.1		.207			1.6	.028	4.1	.072			2.0	.049	.6	.010	-4.1	-.072	1.5	.026	
1679	12.3	215 14.9		.260			-1.7	-.030	3.2	.056			0.0	0.000	.4	.007	-4.9	-.086	-4.6	-.080	
1680	12.8	223 17.5		.305			-3.1	-.054	10.0	.175			1.8	.031	-2.1	-.037	-2.0	-.045	-10.1	-.178	
1681	10.8	180 15.8		.278			5.2	.091	.5	.009			8.4	.147	-25.1	-.438	-5.9	-.103	2.1	.037	
1683	10.4	181 13.8		.241			4.1	.072	1.8	.031			7.0	.122	-2.2	-.003	-3.9	-.068	.6	.010	
1684	11.8	206 14.7		.257			0.0	0.000	4.6	.000			0.0	0.000	5.7	.099	-4.4	-.077	.4	.007	
1685	12.0	209 14.1		.246			0.0	0.000	.9	.016			1.3	.023	2.9	.051	-4.6	-.000	-2.2	-.038	
4016	13.5	.236					-8.8	-.014					5.8	.101	3.1	.054	-8.8	-.014	-4.2	-.073	
4043	10.3	180 15.4		.269			-1.5	-.026	-4.3	-.075			0.0	0.000	23.1	.403	-2.4	-.042	-3.0	-.052	
4052	13.8	241 13.0		.227			-1.2	-.021	.1	.002			3.0	.052	.9	.016	-1.8	-.031	.6	.010	
4251	11.7	204 13.1		.229			.2	.003	1.5	.026			4.8	.004	-3.2	-.056	-4.5	-.079	1.5	.026	
4252	11.9	208 13.1		.229			3.0	.052	.6	.010			4.2	.073	4.0	.070	-3.8	-.066	.8	.014	
4259	12.3	215 16.6		.290			-8.8	-.014	-6.6	-.010			7.4	.129	-5.4	-.094	-4.0	-.070	4.4	.077	
4470	10.0	.175					.1	.002					5.2	.091	-3.4	-.059	-5.6	-.008	3.5	.061	
4471	12.1	211 14.1		.246			.1	.002	-3.1	-.054			-3.3	-.005	6.2	.100	-1.9	-.033	.3	.005	
4485	12.0	209 14.0		.244			2.2	.036	1.6	.028			5.7	.099	1.7	.030	-2.7	-.047	-6.8	-.010	
4864	14.2	248 13.9		.243	15.0		.262	-6.1	-.106	2.0	.035	-4.9	-.086	6.2	.108	9.2	.161	-2.4	-.042	1.1	.019
4993	9.9	.173					-4.1	-.072					5.7	.099	4.5	.079	-3.3	-.058	3.8	.066	

Landing Data - Model TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDG NO.	OFF-CENTER		RAMP TO TD	WIRE	SIDE	LNDG NO.	TYPE	FLAP	SHIP	DECK PITCH				DECK ROLL				TEMP	BAROMETRIC				ARR GEAR	REREAD					
	FT	M								FT	M	KN	M/S	DEG	RAD	DEG	RAD		F	C	IN HG	MM HG			IN	CM			
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
246	-20	-6	194	59	710	70120		5	3	-2	-.003	1.5	.026	67	19	30.05	763.3	0	0.0	1									
247	-11	-3	205	62	412	70200		5	3					67	19	30.05	763.3	0	0.0	0									
248	-18	-5	235	72	710	70120		5	3	-2	-.003	1.1	.019	67	19	30.05	763.3	0	0.0	1									
249	-4	-1	331	101	3	412	50120	5	3	-2	-.003	.1	.002	67	19	30.05	763.3	169	429.3	0									
250	-10	-3	242	74	871	70100		5	3	0.0	0.000	0.0	0.000	67	19	30.05	763.3	0	0.0	1									
252	-18	-5	211	64	873	70120		5	3	-2	-.003	-.6	-.010	67	19	30.05	763.3	0	0.0	1									
254	-17	-5	190	58	2	871	50100	5	3	-3	-.005	-.9	-.016	67	19	30.05	763.3	0	0.0	1									
255	-6	-2	323	98	4	873	80120	5	3					67	19	30.05	763.3	0	0.0	0									
256	-17	-5	208	63	3	520	50100	5	3	0.0	0.000	-.7	-.012	67	19	30.05	763.3	169	429.3	1									
257	-24	-7	202	62	1	710	50120	5	3	-.4	-.007	-.1	-.002	67	19	30.05	763.3	170	431.8	1									
258	-11	-3	239	73	2	871	50120	5	3					67	19	30.05	763.3	169	429.3	0									
260	-18	-5	122	37	412	80100		5	3	-.4	-.007	1.2	-.021	67	19	30.05	763.3	0	0.0	1									
262	-21	-6	254	77	2	710	80120	5	3	1	.002	1.3	-.023	67	19	30.05	763.3	169	429.3	1									
272	-20	-6	200	61	2	412	50100	6	3	-2	-.003	-.3	-.005	67	19	30.04	763.0	0	0.0	2									
273	-9	-3	206	63	409	70120		6	3	-1	-.002	-.8	-.014	67	19	30.04	763.0	0	0.0	0									
274	-14	-4	216	66	2	118	50120	6	3					67	19	30.04	763.0	169	429.3	0									
275	-6	-2	166	51	1	222	50120	6	3	0.0	0.000	-.1	-.002	67	19	30.04	763.0	168	426.7	0									
276	-17	-5	217	66	2	409	50100	6	3	-3	-.005	-.9	-.016	67	19	30.04	763.0	168	426.7	1									
277	-16	-5	176	54	1	520	50120	6	3	-2	-.003	-.7	-.012	67	19	30.04	763.0	171	434.3	1									
278	-20	-6	199	61	1	873	80120	6	3	-6	-.010	-.8	-.014	67	19	30.04	763.0	170	431.8	1									
279	-21	-6	253	77	2	710	80120	6	3	1	.002	-.3	-.005	67	19	30.04	763.0	169	429.3	1									
280	-4	-1	293	89	4	408	50120	4	2	-1	-.002	-.4	-.007	67	19	30.03	762.8	168	426.7	0									
281	-15	-5	214	65	708	70200		4	2	-5	-.009	-.6	-.010	67	19	30.03	762.8	0	0.0	2									
283	-11	-3	255	78	718	70100		4	2	-3	-.005	-.8	-.010	67	19	30.03	762.8	0	0.0	2									
284	-13	-4	249	76	3	708	50120	4	2					67	19	30.03	762.8	167	424.2	0									
286	-13	-4	225	69	3	718	50120	4	2	-3	-.005	-.9	-.016	67	19	30.03	762.8	170	431.8	2									
287	-24	-7	226	69	222	70100		4	2	-2	-.003	-.9	-.016	67	19	30.03	762.8	0	0.0	1									
288	-16	-5	193	59	1	511	50120	4	2					67	19	30.03	762.8	170	431.8	1									
289	-12	-4	191	58	2	209	50120	4	2	-5	-.009	-.4	-.007	67	19	30.03	762.8	169	429.3	1									
290	-16	-5	268	82	3	409	50100	4	2	-1	-.002	-.7	-.012	67	19	30.03	762.8	169	429.3	0									
293	-15	-5	203	62	2	871	50200	4	2	-2	-.003	-.6	-.010	67	19	30.03	762.8	169	429.3	2									
294	-13	-4	225	69	2	222	50100	3	2	-4	-.007	-.2	-.003	67	19	30.03	762.8	168	426.7	1									
295	-15	-5	261	80	3	412	50100	3	2	-4	-.007	-.2	-.003	67	19	30.03	762.8	169	429.3	0									
296	-36	-11	208	63	1	710	50120	3	2	-3	-.005	-.2	-.003	67	19	30.03	762.8	170	431.8	1									
297	-16	-5	231	70	2	871	50120	3	2	-4	-.007	-.5	-.009	67	19	30.03	762.8	169	429.3	0									
298	-8	-2	329	100	4	873	50120	3	2	-2	.003	-.6	-.010	67	19	30.03	762.8	169	429.3	0									
299	-36	-11	162	49	2	412	50100	3	2	-5	-.009	-.5	-.009	67	19	30.03	762.8	169	429.3	1									
300	-17	-5	199	58	2	520	50120	3	2	-1	-.002	-.9	-.016	67	19	30.03	762.8	169	429.3	0									
301	-10	-3	228	69	2	718	50100	3	2	-1	-.002	-.4	-.007	67	19	30.03	762.8	169	429.3	0									
302	-13	-4	266	81	3	100	50100	3	2	-3	-.005	-.8	-.014	67	19	30.03	762.8	167	424.2	0									

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LOADING DATA - MODEL TA-4F

LANDG	OFF-CENTER	RAMP TO TD	WIRE SIDE	LANDG	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC	ARR GEAR	REAR								
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED				RUNOUTS	NUMBER								
	FT	M	FT	M			KN	M/S	DEG	RAD	DEG	RAD	F	C	IN	CM				
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82
303	-13	-4	257	78	3	718	50120	3	2	-2	-0.003	-0.4	-0.007	67	19	30.03	762.8	170	431.8	1
304	-16	-5	230	70		512	70100	3	2					67	19	30.03	762.8	0	0.0	0
306	-15	-5	269	82	3	700	50120	3	2	-1	-0.002	-0.3	-0.005	67	19	30.03	762.8	170	431.8	1
307	-14	-4	269	82		512	70120	3	2	-1	-0.002	-0.1	-0.002	67	19	30.03	762.8	0	0.0	1
308	-3	-1	252	77	3	510	70120	3	2	-4	-0.007	-0.3	-0.005	67	19	30.03	762.8	0	0.0	0
310	-17	-5	223	68	2	512	50100	3	2	0.0	0.000	-0.6	-0.010	67	19	30.03	762.8	169	429.3	0
312	-29	-8	185	56	1	118	50100	3	2	-2	-0.003	-0.3	-0.005	67	19	30.03	762.8	170	431.8	2
313	-13	-4	226	69	2	107	50120	3	2					67	19	30.03	762.8	168	426.7	1
314	-18	-5	254	77	4	511	50100	3	2	-4	-0.007	-0.2	-0.003	67	19	30.03	762.8	170	431.8	1
316	-22	-7	198	60	1	511	50120	3	2					67	19	30.03	762.8	170	431.8	2
317	-13	-4	220	67	4	520	50100	3	2	-4	-0.007	-0.3	-0.005	67	19	30.03	762.8	167	424.2	1
320	-3	-1	350	107	3	118	60100	3	2	0.0	0.000	-0.5	-0.009	67	19	30.03	762.8	0	0.0	0
322	-8	-2	260	79	3	708	60200	3	2	-2	-0.003	-1.1	-0.019	67	19	30.03	762.8	0	0.0	1
324	-12	-4	298	91	4	700	50100	4	2					67	19	30.03	762.8	170	431.8	0
326	-7	-2	253	77	2	873	50100	4	2					67	19	30.03	762.8	169	429.3	0
328	-16	-5	222	68	2	718	50120	4	2	-3	-0.005	-1.1	-0.019	67	19	30.03	762.8	168	426.7	2
330	-14	-4	326	99	4	708	50100	4	2	0.0	0.000	-0.8	-0.014	67	19	30.03	762.8	169	429.3	0
333	-4	-1	352	107	3	512	60120	4	2	-4	-0.007	0.0	0.000	65	18	30.03	762.8	0	0.0	0
334	-7	-2	244	74	2	512	60120	4	2	-4	-0.007	0.0	0.000	65	18	30.03	762.8	168	426.7	0
336	-22	-7	182	55	2	511	50120	4	2	-4	-0.007	0.0	0.000	65	18	30.03	762.8	169	429.3	1
339	-8	-3	267	81	3	107	50120	4	2	-4	-0.007	0.0	0.000	65	18	30.03	762.8	169	429.3	1
344	-8	-2	234	71	2	212	50100	4	2	-4	-0.007	0.0	0.000	65	18	30.03	762.8	168	426.7	1
345	-11	-3	291	89	3	718	60120	4	2	-4	-0.007	0.0	0.000	65	18	30.03	762.8	170	431.8	1
346	-9	-3	276	82	2	217	60120	4	2	-4	-0.007	0.0	0.000	65	18	30.03	762.8	0	0.0	1
349	-13	-4	248	75	2	118	60120	5	3					63	17	30.02	762.5	168	426.7	1
350	-20	-8	222	68	2	222	50200	5	3	-4	-0.007	0.0	0.000	63	17	30.02	762.5	169	429.3	1
351	-14	-4	214	65	1	107	60120	5	3	-4	-0.007	0.0	0.000	63	17	30.01	762.3	169	429.3	1
352	-12	-4	277	84	2	212	70120	5	3					63	17	30.01	762.3	0	0.0	0
353	-16	-5	211	84	2	512	50200	5	3	-4	-0.007	0.0	0.000	63	17	30.01	762.3	171	434.3	1
354	-18	-5	245	75	2	511	50120	5	3					63	17	30.03	762.8	169	429.3	1
356	-12	-4	313	95	4	107	50120	5	3	-4	-0.007	0.0	0.000	63	17	30.01	762.3	169	429.3	0
358	-13	-4	298	91	4	212	50100	5	3	-4	-0.007	0.0	0.000	63	17	30.01	762.3	169	429.3	1
470	-11	-3	229	70	229	70200	5	3	-2	-0.003	-0.4	-0.007	62	17	29.97	761.2	0	0.0	0	0
472	-7	-2	233	71	520	70100	5	3					62	17	29.97	761.2	0	0.0	0	1
474	-4	-1	253	77	412	70100	5	3	-2	-0.003	-0.6	-0.010	62	17	29.97	761.2	0	0.0	1	1
476	-8	-2	257	78	3	412	50200	5	3	-4	-0.007	-2.5	-0.044	62	17	29.97	761.2	168	426.7	0
477	1	0	308	94	873	70100	5	3	-6	-0.010	-1.6	-0.028	62	17	29.97	761.2	0	0.0	0	0
478	-12	-4	161	49	700	70120	5	3	-3	-0.005	-0.5	-0.009	62	17	29.97	761.2	0	0.0	1	1
479	-13	-4	251	77	510	70100	5	3	-3	-0.005	-0.5	-0.009	62	17	29.97	761.2	0	0.0	0	0
480	-15	-5	226	69	2	229	50120	5	3	-4	-0.007	-0.2	-0.003	62	17	29.97	761.2	168	426.7	1

LOADING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
UNDC		OFF-CENTER		RAMP TO TD		WIRE SIDE		UNDC		FLAP		SHIP		DECK PITCH		DECK ROLL		TEMP		BAROMETRIC		ARR GEAR		REREAD					
NO.	DISTANCE	FT	M	DISTANCE	FT	M	NO.	NO.	TYPE	CODE	SPEED	KN	M/S	DEG	RAD	DEG	RAD	F	C	IN HG	MM HG	IN	CM	RUNOUTS	NUMBER				
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
482	-12	-4	202	62			700	70100	5	3						62	17	29.97	761.2	0	0.0	0							
484	-5	-2	259	79	3	412	50120		5	3	.1	.002				62	17	29.97	761.2	169	429.3	0							
485	-15	-5	221	67	2	873	50120		5	3						62	17	29.97	761.2	169	429.3	1							
487	-13	-4	202	62	1	510	50120		5	3						62	17	29.97	761.2	169	429.3	0							
489	-9	-3	232	71		1	70120		5	3	-2	-.003				62	17	29.97	761.2	0	0.0	0							
490	-7	-2	221	67		409	70100		5	3	-2	-.003				62	17	29.97	761.2	0	0.0	0							
494	-11	-3	264	80	3	229	50120		5	3						62	17	29.97	761.2	162	411.5	0							
495	-11	-3	226	80	2	1	50200		5	3	-4	-.007				62	17	29.97	761.2	168	426.7	0							
497	-6	-2	233	71	2	409	50200		3	2	0.0	0.000				62	17	29.97	761.2	165	419.1	0							
498	-6	-2	208	83	2	520	50100		3	2	-5	-.009				62	17	29.97	761.2	165	419.1	0							
499	-9	-3	260	79	3	412	50100		3	2	-5	-.009				62	17	29.97	761.2	165	419.1	1							
500	-8	-3	268	82	3	873	50100		3	2	-1	-.002				62	17	29.97	761.2	165	419.1	0							
501	-8	-2	240	73	3	510	50120		3	2						62	17	29.97	761.2	165	419.1	0							
502	-12	-4	271	83	3	229	50100		3	2	0.0	0.000				62	17	29.97	761.2	165	419.1	0							
503	-14	-4	265	82	1	873	50120		3	2	-3	-.005				62	17	29.97	761.2	165	419.1	1							
504	-7	-2	279	85	3	510	50120		3	2	-2	-.003				62	17	29.97	761.2	165	419.1	0							
505	-9	-3	264	80	3	520	50100		3	2	-2	-.003				62	17	29.97	761.2	165	419.1	1							
506	-8	-2	285	87	4	412	50100		3	2	-3	-.005				62	17	29.97	761.2	165	419.1	0							
507	-10	-3	199	81	1	411	50120		3	2	-3	-.005				62	17	29.97	761.2	165	419.1	0							
508	-5	-2	244	74	2	520	50120		3	2	-5	-.009				62	17	29.97	761.2	165	419.1	0							
509	-12	-4	204	62	1	229	50120		3	2	0.0	0.000				62	17	29.97	761.2	165	419.1	0							
511	-7	-2	230	70	2	412	50120		3	2	-1	-.002				62	17	29.97	761.2	169	429.3	2							
512	-8	-2	287	87	3	510	50100		3	2						62	17	29.97	761.2	169	429.3	0							
513	-14	-4	179	55	1	700	50100		3	2	-1	-.002				62	17	29.97	761.2	170	431.6	2							
514	-5	-2	180	52	1	409	50200		3	2	0.0	0.000				62	17	29.97	761.2	170	431.6	0							
515	-7	-2	263	80	3	510	50100		3	2	-1	-.002				62	17	29.97	761.2	168	426.7	0							
516	-9	-3	256	78	3	409	50100		3	2	0.0	0.000				62	17	29.97	761.2	169	429.3	0							
517	-14	-4	178	54		520	70120		3	2	-2	-.003				62	17	29.97	761.2	0	0.0	1							
518	-11	-3	243	74		873	70100		3	2						62	17	29.97	761.2	0	0.0	0							
519	-16	-5	181	55	1	520	50100		3	2	-3	-.005				62	17	29.97	761.2	170	431.6	1							
520	-6	-2	304	93		411	70200		3	2	-3	-.005				62	17	29.97	761.2	0	0.0	1							
521	-7	-2	214	65	1	420	50100		3	2	-2	-.003				62	17	29.97	761.2	167	424.2	0							
522	-10	-3	261	80	3	411	50100		3	2	-5	-.009				62	17	29.97	761.2	170	431.6	0							
523	1	0	262	80		412	70200		3	2						62	17	29.97	761.2	0	0.0	0							
524	-7	-2	262	80	3	873	50100		3	2	-4	-.007				62	17	29.97	761.2	169	429.3	0							
525	-5	-2	263	86	3	412	50120		3	2	.1	.002				62	17	29.97	761.2	169	429.3	0							
526	-12	-4	259	79	3	520	50100		3	2	-4	-.007				62	17	29.97	761.2	170	431.6	1							
527	-2	-1	303	92	4	409	50120		3	2	0.0	0.000				62	17	29.97	761.2	169	429.3	2							
528	-10	-3	242	74	3	510	50100		3	2						62	17	29.97	761.2	169	429.3	0							
530	1	0	271	83	3	707	50100		3	2	-2	-.003				62	17	29.97	761.2	168	426.7	1							



## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## --Landing Data -- Model TA-4F

LANDG	OFF-CENTER	RAMP TO TD	WIRE SIDE	LANDG	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC	ARR GEAR	REREAD								
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	KN	M/S	DEG	RAD	DEG	IN HG	MM HG	RUNOUTS	NUMBER						
FT	M	FT	M			70	71	72	73	74	75	76	77	78	79	80	81	82		
62	63	64	65	66	67	68	69													
531	-1	0	307	84		708	70120	3	2	-4	-0.007	-1.7	-0.030	62	17	29.97	761.2	0	0.0	0
532	-1	0	300	91	4	412	50100	3	2					62	17	29.97	761.2	169	429.3	0
533	-4	-1	277	84		708	70100	3	2	-2	-0.003	.4	.007	62	17	29.97	761.2	0	0.0	1
535	-5	-2	214	85	1	708	50120	3	2	-1	-0.002	-3	-0.005	62	17	29.97	761.2	170	431.8	1
536	7	2	333	101		727	70200	3	2	-2	-0.003	-1	-0.002	62	17	29.97	761.2	0	0.0	0
538	-5	-2	320	98	4	400	80120	3	2	.1	.002	-2.8	-0.049	62	17	29.97	761.2	169	429.3	0
539	-10	-5	267	81	3	700	50100	3	2	-8	-0.014	-4	-0.007	62	17	29.97	761.2	169	429.3	1
540	-8	-3	259	79	3	520	50100	3	2	-4	-0.007	-1	-0.002	62	17	29.97	761.2	169	429.3	0
543	-5	-2	253	77	3	412	50200	3	2	-2	-0.003	-7	-0.012	62	17	29.97	761.2	170	431.8	0
544	-21	-6	217	66	2	411	50120	3	2	-4	-0.007	-1.8	-0.031	62	17	29.97	761.2	169	429.3	1
545	-11	-3	249	76	3	708	50120	3	2	-4	-0.007	-9	-0.016	62	17	29.97	761.2	169	429.3	2
546	-11	-3	263	80	3	871	50120	3	2	-2	-0.003	-9	-0.016	62	17	29.97	761.2	168	426.7	0
547	-8	-3	176	54		209	70200	3	2					62	17	29.97	761.2	0	0.0	1
548	2	1	242	74		222	70120	3	2	0	0.000	-4	-0.007	62	17	29.97	761.2	0	0.0	0
549	-8	-2	190	58		209	70200	3	2	-1	-0.002	-3	-0.005	62	17	29.97	761.2	0	0.0	0
550	-14	-3	258	78	2	727	80120	3	2	-6	-0.010	.5	.009	62	17	29.97	761.2	168	426.7	1
551	-11	-3	233	71	2	411	50120	3	2	-5	-0.009	1.3	.023	62	17	29.97	761.2	169	429.3	0
552	-14	-3	246	75	2	209	50120	2	1					62	17	29.97	761.2	168	426.7	1
553	-11	-3	249	76	3	400	50100	2	1	0	0.000	1.4	.024	62	17	29.97	761.2	168	426.7	0
554	-8	-2	235	72	2	222	80100	2	1	-5	-0.009	.8	.014	62	17	29.97	761.2	169	429.3	1
556	-13	-3	268	82	3	727	50120	2	1	0	0.000	-4	-0.007	62	17	29.97	761.2	169	429.3	0
558	-10	-3	270	82	3	708	50120	2	1	-2	-0.003	.6	.010	62	17	29.97	761.2	169	429.3	2
560	-10	-3	320	98	4	411	50200	2	1					62	17	29.97	761.2	170	431.8	1
563	-21	-6	161	40	1	411	50120	2	1					62	17	29.97	761.2	170	431.8	1
564	-13	-3	228	80	2	871	50120	2	1	-4	-0.007	-1.3	-0.023	62	17	29.97	761.2	167	424.2	0
565	-8	-2	263	82	1	209	80200	2	1	-3	-0.005	0.0	0.000	62	17	29.97	761.2	170	431.8	1
567	-6	-2	220	87	2	212	50200	3	2	-4	-0.007	1.3	.023	62	17	29.97	761.2	168	426.7	0
568	-12	-3	281	86	2	411	80120	3	2	-5	-0.009	.3	.005	62	17	29.97	761.2	169	429.3	0
569	1	0	291	89		512	70120	3	2	-3	-0.005	-9	-0.016	62	17	29.97	761.2	0	0.0	1
570	-14	-3	251	77	2	400	80120	3	2	0	0.000	1.2	.021	62	17	29.97	761.2	169	429.3	2
572	-5	-2	290	88	4	871	50120	3	2	-1	-0.002	-1	-0.002	62	17	29.97	761.2	167	424.2	1
573	-15	-5	224	88	2	512	50120	3	2	0	0.000	-7	-0.012	62	17	29.97	761.2	169	429.3	0
576	-6	-2	291	89	3	118	80120	3	2	-4	-0.007	0.0	0.000	62	17	29.97	761.2	168	426.7	1
577	-13	-3	287	87	3	727	80100	3	2	-7	-0.012	-1	-0.019	62	17	29.97	761.2	169	429.3	0
578	-1	0	270	82		511	70120	3	2	-2	-0.003	1.1	.010	62	17	29.97	761.2	0	0.0	1
580	-15	-5	237	72	3	708	80100	3	2	-1	-0.002	-4	-0.007	62	17	29.97	761.2	0	0.0	0
582	-4	-1	252	77	3	212	50200	3	2	-5	-0.009	-7	-0.012	62	17	29.97	761.2	164	416.6	1
583	-5	-2	230	76		408	70100	3	2	-1	-0.002	.4	.007	62	17	29.97	761.2	0	0.0	0
585	8	2	267	87	3	511	80200	3	2	-1	-0.002	-1	-0.002	62	17	29.97	761.2	169	429.3	2
586	-11	-3	233	71	3	408	50120	3	2	-6	-0.010	.1	.002	62	17	29.97	761.2	168	426.7	1

LOADING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LNDC	OFF-CENTER	RAMP TO TD	WIRE SIDE	LNDC	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC	ARR GEAR	REWEAD																	
NO.	DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED	DEG	RAD	DEG	RAD	DEG	RAD	F	C	IN HG	MM HG	IN	CM	RUNOUTS	NUMBER								
FT	M	FT	M				KN	M/S	DEG	RAD	DEG	RAD	DEG	F	C	IN HG	MM HG	IN	CM										
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
587	-5	-2	276	84	3	222	80120	3	2	-2	-.003	-.2	-.003	62	17	29.97	761.2	167	424.2	1									
588	-8	-2	325	99	4	727	80120	3	2	.3	.005	-.3	-.005	62	17	29.97	761.2	169	429.3	0									
589	-9	-3	190	58	1	512	80120	3	2					62	17	29.97	761.2	170	431.8	0									
591	2	1	321	98		217	70120	3	2	-1	-.002	-.3	-.005	62	17	29.97	761.2	0	0.0	1									
592	-7	-2	220	67		710	70100	3	2	-1	-.002	-.5	-.009	62	17	29.97	761.2	0	0.0	0									
737	-5	-2	274	84	4	504	50200	3	2	-2	-.003	2.2	.038	66	19	29.97	761.2	169	429.3	0									
738	-2	-1	232	71		700	70120	3	2	0.0	0.000	.9	.016	66	19	29.97	761.2	0	0.0	0									
740	-9	-3	196	60		707	70120	3	2	-3	-.005	-.8	-.014	66	19	29.97	761.2	0	0.0	0									
742	-10	-3	264	80		700	70100	3	2	-5	-.009	.2	.003	66	19	29.97	761.2	0	0.0	0									
743	-11	-3	245	75		229	70100	3	2	0.0	0.000	1.1	.019	66	19	29.97	761.2	0	0.0	0									
744	-20	-6	204	62		707	70120	3	2	-2	-.003	.2	.003	66	19	29.97	761.2	0	0.0	2									
746	-15	-5	225	69		209	50120	3	2	.2	.003	.8	.014	66	19	29.97	761.2	168	426.7	0									
747	-10	-3	302	92		511	70120	3	2	-3	-.005	1.8	.031	66	19	29.97	761.2	0	0.0	0									
749	-6	-2	286	87		511	70100	3	2	-4	-.007	.3	.005	66	19	29.97	761.2	0	0.0	2									
750	-16	-5	288	88	3	700	80100	3	2	-2	-.003	2.5	.044	66	19	29.97	761.2	170	431.8	0									
751	-13	-4	248	76	2	511	80200	3	2	-4	-.007	1.3	.023	66	19	29.97	761.2	168	426.7	0									
752	-15	-5	249	76	3	707	50200	3	2					66	19	29.97	761.2	170	431.8	0									
753	-12	-4	322	98	4	700	80120	3	2	.2	.003	-2.7	-.047	66	19	29.97	761.2	170	431.8	0									
755	-5	-2	316	96		420	80120	3	2	-4	-.007	.8	.014	66	19	29.97	761.2	0	0.0	0									
756	-5	-2	255	78		3	420	50120	3	2	-2	-.003	.2	.003	66	19	29.97	761.2	169	429.3	0								
757	-13	-4	213	65	2	229	50120	4	2					66	19	29.97	761.2	168	426.7	1									
758	-5	-2	298	91	4	707	50120	4	2	-2	-.003	-.1	-.002	66	19	29.97	761.2	169	429.3	2									
759	-8	-2	291	80	4	217	50120	4	2	-4	-.007	0.0	0.000	66	19	29.97	761.2	168	426.7	0									
760	-16	-5	266	81	3	700	50100	4	2	-4	-.007	.3	.005	66	19	29.97	761.2	170	431.8	1									
762	-9	-3	285	87	3	511	80120	4	2					66	19	29.97	761.2	169	429.3	0									
763	-1	0	288	85	3	229	80120	4	2	-1	-.002	1.2	.021	66	19	29.97	761.2	168	426.7	1									
764	-9	-3	297	91		420	60100	4	2	0.0	0.000	.6	.010	66	19	29.97	761.2	0	0.0	0									
765	-12	-4	267	81	4	511	50200	4	2	-4	-.007	1.2	.021	66	19	29.97	761.2	169	429.3	1									
766	-13	-4	300	91	4	700	50120	4	2	-6	-.010	.7	.012	66	19	29.97	761.2	170	431.8	0									
767	-10	-3	327	100	4	420	80120	4	2					66	19	29.97	761.2	169	429.3	0									
768	-11	-3	272	83	3	1	50120	4	2	-1	-.002	0.0	0.000	66	19	29.97	761.2	169	429.3	1									
769	-7	-2	310	94	4	700	50120	4	2	-3	-.005	-.8	-.014	66	19	29.97	761.2	169	429.3	2									
770	-13	-4	242	74	3	707	50200	4	2	-3	-.005	.5	.009	66	19	29.97	761.2	169	429.3	2									
771	-10	-3	216	66	1	229	80100	4	2					66	19	29.97	761.2	170	431.8	1									
774	-11	-3	223	68	3	229	50120	4	2	-6	-.010	1.2	.021	66	19	29.97	761.2	169	429.3	1									
777	-14	-4	205	82		520	70120	4	2	-1	-.002	2.3	.040	66	19	29.97	761.2	0	0.0	0									
778	-10	-3	203	86	3	520	80120	4	2	-4	-.007	.1	.002	66	19	29.97	761.2	169	429.3	1									
779	-14	-4	185	56	1	400	50120	4	2	-2	-.003	.2	.003	66	19	29.97	761.2	170	431.8	2									
780	-7	-2	237	72	3	229	50200	3	2	-2	-.003	2.4	.042	66	19	29.97	761.2	169	429.3	0									
781	-12	-4	327	100		707	60200	4	2	-2	-.003	-.7	-.012	66	19	29.97	761.2	0	0.0	0									

LOADING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS																					
LNDG		OFF-CENTER		RAMP TO TD		WIRE SIDE		LNDG		FLAP		SHIP		DECK PITCH		DECK ROLL		TEMP		BAROMETRIC		ARR GEAR		REREAD																	
NO.		DISTANCE		DISTANCE		NO.		NO.		TYPE		CODE		SPEED		DEG		F		C		IN		CM																	
FT		M		M		M		M		M		M		M		M		F		IN		MM		HG																	
62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82	
783	-13	-4	321	98	4	707	80120	4	2									66	19	29.97	761.2	169	429.3	0																	
784	-13	-4	234	71	3	700	50120	4	2	-5	-0.009	0.0	0.000					66	19	29.97	761.2	170	431.8	1																	
788	-7	-2	280	85	3	420	50120	4	2									66	19	29.97	761.2	168	428.7	1																	
789	-10	-3	240	73	3	229	50120	4	2	-5	-0.009	0.0	0.000					66	19	29.97	761.2	169	429.3	1																	
792	-5	-2	267	81	3	520	50100	4	2	-3	-0.005	.6	.010					66	19	29.97	761.2	170	431.8	0																	
793	-3	-1	272	83	3	520	50120	4	2	-4	-0.007	-1	-0.002					66	19	29.97	761.2	170	431.8	0																	
794	4	1	340	104	727	70120	4	2	-1	-0.002	.2	.003					66	19	29.97	761.2	0	0.0	0																		
795	-4	-1	216	66	222	70120	4	2	-1	-0.002	-7	-.012					66	19	29.97	761.2	0	0.0	2																		
796	-6	-2	260	79	871	70120	4	2	-6	-0.010	-1.1	-.019					66	19	29.97	761.2	0	0.0	0																		
797	-1	0	254	77	727	70100	4	2	-3	-0.005	1.7	.030					66	19	29.97	761.2	0	0.0	1																		
798	2	1	296	90	222	70100	4	2									66	19	29.97	761.2	0	0.0	2																		
799	-10	-3	262	80	871	70100	4	2	-1	-0.002	.1	.002					66	19	29.97	761.2	0	0.0	1																		
800	-7	-2	271	83	727	70120	4	2	-3	-0.005	.1	.002					66	19	29.97	761.2	0	0.0	1																		
801	1	0	325	99	4	222	50120	4	2	0	0.000	.3	.005				66	19	29.97	761.2	169	429.3	0																		
802	-13	-4	211	64	1	871	50100	4	2								66	19	29.97	761.2	168	426.7	2																		
803	-8	-2	247	75	420	70120	4	2	-4	-0.007	1.7	.030					66	19	29.97	761.2	0	0.0	0																		
804	-1	0	287	87	3	727	50200	4	2	0	0.000	.8	.014				66	19	29.97	761.2	170	431.8	1																		
806	-8	-3	263	80	3	420	50120	4	2	-3	-0.005	-1.2	-.021				66	19	29.97	761.2	168	426.7	0																		
808	-6	-2	239	91	3	707	50100	4	2	-3	-0.005	.1	.002				66	19	29.97	761.2	169	429.3	0																		
809	-7	-2	220	67	3	220	50120	4	2								66	19	29.97	761.2	169	429.3	0																		
810	-7	-2	241	73	3	520	50120	4	2								66	19	29.97	761.2	170	431.8	0																		
811	-2	-1	291	89	4	700	50200	4	2	-4	-0.007	1.1	.019				66	19	29.97	761.2	169	429.3	2																		
812	-2	-1	297	91	3	100	50120	4	2	-3	-0.005	1.7	.030				66	19	29.97	761.2	169	429.3	1																		
813	-10	-3	245	75	3	707	50100	4	2								66	19	29.97	761.2	169	429.3	1																		
815	-10	-3	250	79	3	520	50200	4	2	0	0.000	-1	-.002				66	19	29.97	761.2	169	429.3	0																		
816	-6	-2	231	70	3	229	50200	4	2	-1	-0.002	1.7	.030				66	19	29.97	761.2	169	429.3	1																		
818	0	0	295	90	3	222	50100	4	2	.1	.002	.6	.010				66	19	29.97	761.2	170	431.8	0																		
819	-13	-4	243	74	3	707	50100	4	2	-6	-0.010	.4	.007				66	19	29.97	761.2	169	429.3	0																		
820	-12	-4	183	56	3	420	50120	4	2	-1	-0.002	1.7	.030				66	19	29.97	761.2	169	429.3	2																		
821	-6	-2	242	74	3	727	50200	4	2	0	0.000	1.8	.031				66	19	29.97	761.2	170	431.8	0																		
822	-8	-2	245	75	3	707	50100	3	2	0	0.000	.4	.007				66	19	29.97	761.2	169	429.3	2																		
823	-15	-5	240	73	3	871	50100	3	2	-5	-0.009	-1.8	-.031				66	19	29.97	761.2	169	429.3	0																		
824	-3	-1	293	89	3	727	50120	3	2	-1	-0.002	1.9	.033				66	19	29.97	761.2	170	431.8	0																		
825	-7	-2	251	77	3	229	50120	3	2								66	19	29.97	761.2	170	431.8	2																		
826	-7	-2	240	73	3	520	50120	3	2	.1	.002	1.5	.026				66	19	29.97	761.2	170	431.8	1																		
828	-4	-1	290	88	3	700	50200	3	2	.5	.009	-1	-.002				66	19	29.97	761.2	169	429.3	2																		
829	-5	-2	283	62	107	70200	3	2	-3	-0.005	.7	.012				66	19	29.97	761.2	0	0.0	0																			
830	-8	-3	251	77	512	70100	3	2	.1	.002	.5	.009				66	19	29.97	761.2	0	0.0	2																			
831	-5	-2	218	66	718	70200	3	2	-3	-0.005	-4	-.007				66	19	29.97	761.2	0	0.0	1																			
832	-7	-2	260	79	107	70120	3	2	-5	-0.009	.2	.003				66	19	29.97	761.2	0	0.0	0																			

[illegible]

Landing Data - Model TA-4F										USS Enterprise (CVN-65)										Day Landings									
LNDG	OFF-CENTER	RAMP TO TD	WIRE SIDE	LNDG	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC		ARR GEAR	REREAD																
NO.	DISTANCE	DISTANCE	NO. NO.	TYPE	CODE	SPEED	DEG	RAD	F	C	IN HG	MM HG	IN	CM															
FT	M	FT	M			KN	M/S																						
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
947	-5	-2	261	80		520	70100	12	6							67	19	29.95	760.7	0	0.0	0							
948	-16	-5	232	71		118	70120	12	6	-5	-0.009	-2.7	-0.47	67	19	29.95	760.7	0	0.0	2									
950	-12	-4	213	85		118	70120	12	6	-6	-0.010	-3	-0.005	67	19	29.95	760.7	0	0.0	0									
952	-19	-6	236	72	2	217	50100	8	4	-1	-0.002	-1	-0.002	67	19	29.95	760.7	168	426.7	1									
954	-4	-1	256	79	3	708	50200	8	4	0.0	0.000	-5	0.009	67	19	29.95	760.7	169	429.3	1									
955	-10	-3	285	87	4	700	50120	8	4	-3	-0.005	-1.6	-0.028	67	19	29.95	760.7	169	429.3	2									
956	-15	-5	274	84	4	512	50100	11	6	-1	-0.002	-2	0.003	67	19	29.95	760.7	169	429.3	0									
957	0	0	314	90	4	708	50100	11	6	-4	-0.007	-1.4	-0.024	67	19	29.95	760.7	169	429.3	1									
958	-5	-2	286	87	4	209	70100	11	6	-4	-0.007	-2.3	-0.040	67	19	29.95	760.7	0	0.0	1									
959	-17	-5	196	60	1	217	50200	11	6	-1	-0.002	1.1	0.019	67	19	29.95	760.7	170	431.8	1									
960	-2	-1	339	103		512	60100	11	6					67	19	29.95	760.7	0	0.0	2									
962	-7	-2	290	85		708	60120	11	6	-2	-0.003	-5	-0.009	67	19	29.95	760.7	0	0.0	1									
963	-0	-3	256	78	2	512	50100	11	6	-4	-0.007	-1.7	-0.030	67	19	29.95	760.7	168	426.7	1									
964	-12	-4	242	74	2	700	50200	11	6					67	19	29.95	760.7	168	426.7	0									
966	-5	-2	285	87	4	700	50120	9	5	-2	-0.003	-1.2	-0.021	68	20	29.94	760.5	169	429.3	0									
967	-22	-7	278	84	3	100	50100	9	5	-3	-0.005	-1	-0.002	68	20	29.94	760.5	165	419.1	1									
968	-32	-10	241	73	2	118	50120	9	5	-3	-0.005	-1.5	-0.026	68	20	29.94	760.5	168	426.7	1									
969	-28	-9	296	90	4	710	50120	9	5	-2	-0.003	-3	-0.005	68	20	29.94	760.5	170	431.8	1									
970	-30	-9	281	86	3	217	50120	9	5	-4	-0.007	-8	-0.014	68	20	29.94	760.5	169	429.3	1									
971	-22	-7	255	78	4	1	50200	9	5	-3	-0.005	-8	-0.014	68	20	29.94	760.5	169	429.3	1									
972	-20	-6	320	98	4	520	50120	9	5	-3	-0.005	-4	-0.007	68	20	29.94	760.5	169	429.3	1									
973	-0	-3	242	74	2	217	60120	7	4	-1	-0.002	-9	-0.016	68	20	29.94	760.5	169	429.3	1									
974	-30	-9	220	67	7	707	70120	7	4	-4	-0.007	-9	-0.016	68	20	29.94	760.5	0	0.0	2									
975	-6	-2	278	85		873	70100	7	4	-6	-0.010	-1.7	-0.030	68	20	29.94	760.5	0	0.0	2									
976	-4	-1	300	94	4	700	50100	7	4	-4	-0.007	-6	-0.010	68	20	29.94	760.5	169	429.3	1									
977	-6	-2	338	103		104	70100	7	4	-1	-0.002	-1.7	-0.030	68	20	29.94	760.5	0	0.0	0									
978	-13	-4	227	69		512	70100	8	4	-2	-0.003	-2.1	-0.037	68	20	29.94	760.5	0	0.0	2									
981	-1	0	290	88		104	70200	8	4					68	20	29.94	760.5	0	0.0	1									
982	-0	-2	215	56	2	873	50200	8	4	0.0	0.000	-7	-0.012	68	20	29.94	760.5	168	426.7	1									
983	-10	-3	256	78	3	512	50100	8	4	-2	-0.003	-6	-0.010	68	20	29.94	760.5	169	429.3	1									
985	-12	-4	218	66	1	707	50100	8	4					68	20	29.94	760.5	170	431.8	1									
987	-8	-2	282	86	4	104	50100	8	4	-6	-0.010	-2	-0.003	68	20	29.94	760.5	169	429.3	2									
988	-3	-1	297	91	3	108	50120	8	4					68	20	29.94	760.5	169	429.3	1									
989	-3	-1	272	83	3	512	50200	8	4					68	20	29.94	760.5	169	429.3	1									
990	-7	-2	287	87		217	70100	8	4	-3	-0.005	-6	-0.010	68	20	29.94	760.5	0	0.0	1									
995	-12	-4	191	56		710	70100	8	4	-2	-0.003	-9	-0.016	68	20	29.94	760.5	0	0.0	0									
996	-2	-1	299	91		412	70100	8	4	-5	-0.009	1.5	0.028	68	20	29.94	760.5	0	0.0	0									
998	-12	-4	264	80	3	412	50100	8	4	-4	-0.007	-1.1	-0.019	68	20	29.94	760.5	160	406.4	0									
999	-8	-2	196	60	1	118	50120	8	4	-5	-0.009	0.9	0.016	68	20	29.94	760.5	167	424.2	0									
1000	-5	-2	294	90	4	107	50100	8	4					68	20	29.94	760.5	169	429.3	0									



Landing Data - Model TA-4F										USS Enterprise (CVN-65)										Day Landings									
LNCG	OFF-CENTER	RAMP TO TD		WIRE SIDE	LNCG	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC				ARR	GEAR	REREAD												
		DISTANCE	FT								M	DISTANCE	NO.	NO.				TYPE	KN	M/S	DEG	RAD	DEG	RAD	F	C	IN	HG	MM
NO.	DISTANCE	FT	M	FT	M	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82								
62	63	64	65	66	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82								
1056	-6	-2	311	95			107	50120	8	4						68	20	29.94	760.5	0	0.0	2							
1057	-9	-3	257	78	3	504	50100		8	4	-3	-0.005	.4	.007	68	20	29.94	760.5	168	426.7	1								
1058	-10	-3	256	79	4	107	50100		8	4					68	20	29.94	760.5	169	429.3	2								
1059	-11	-3	292	89	4	727	50100		8	4	-4	-0.007	-8	-0.14	68	20	29.94	760.5	169	429.3	2								
1060	-18	-5	164	50	1	707	50100		8	4	-3	-0.005	-1.5	-0.26	68	20	29.94	760.5	170	431.8	1								
1061	-15	-5	264	80	718	50120	8	4	-5	-0.009	-6	-0.10	68	20	29.94	760.5	0	0.0	2										
1062	-5	-2	187	57	2	718	50120		8	4					68	20	29.94	760.5	169	429.3	1								
1063	2	1	274	84	4	107	50120		8	4					68	20	29.94	760.5	170	431.8	1								
1064	-8	-2	236	72	2	412	50100		9	5	-1	-0.002	1.1	.019	68	20	29.94	760.5	168	426.7	0								
1065	-7	-2	286	87	3	229	50120		9	5	-5	-0.009	1.3	.023	68	20	29.94	760.5	169	429.3	2								
1066	-20	-6	254	77	4	107	50100		9	5	-5	-0.009	-2.9	-0.51	68	20	29.94	760.5	170	431.8	1								
1067	-13	-4	225	69	217	70120	9	5	-1	-0.002	-7	-0.12	68	20	29.94	760.5	0	0.0	1										
1068	-7	-2	266	81	700	70100	9	5		9	5			68	20	29.94	760.5	0	0.0	0									
1069	-4	-1	333	101	512	70100	9	5	-2	-0.003	-1	-0.02	68	20	29.94	760.5	0	0.0	0										
1070	-8	-2	229	70	217	70120	10	5	-3	-0.005	-1.7	-0.30	68	20	29.94	760.5	0	0.0	0										
1071	-11	-3	214	65	700	70200	10	5		10	5			68	20	29.94	760.5	0	0.0	0									
1072	-11	-3	261	80	3	411	50120		10	5	-2	-0.003	-1	-0.02	68	20	29.94	760.5	168	426.7	2								
1073	-9	-3	292	89	4	511	50100		10	5				68	20	29.94	760.5	169	429.3	0									
1075	-9	-3	244	74	2	718	50120		9	5	-6	-0.010	-1.5	-0.26	68	20	29.94	760.5	169	429.3	1								
1076	-11	-3	295	82	2	510	50120		9	5	-5	-0.009	-6	-0.10	68	20	29.94	760.5	169	429.3	0								
1078	-11	-3	316	96	4	229	50120		9	5	.1	.002	-1.8	-0.31	68	20	29.94	760.5	168	426.7	1								
1079	5	2	235	72	2	412	50120		9	5	-5	-0.009	-6	-0.10	68	20	29.94	760.5	169	429.3	2								
1080	-12	-4	302	92		511	50100		9	5	-1	-0.002	-2.6	-0.45	68	20	29.94	760.5	0	0.0	0								
1082	-9	-3	302	92		511	50100		9	5	-2	-0.003	-1.2	-0.21	68	20	29.94	760.5	169	429.3	0								
1083	-8	-2	248	76	3	229	50100		9	5	-3	-0.005	-1.2	-0.21	68	20	29.94	760.5	170	431.8	1								
1084	-11	-3	205	82	1	412	50100		9	5	-3	-0.005	-1.2	-0.21	68	20	29.94	760.5	169	429.3	0								
1085	-14	-4	267	81	4	511	50100		9	5	-2	-0.003	-1.6	-0.28	68	20	29.94	760.5	169	429.3	0								
1086	-4	-1	253	77	3	510	50100		9	5	-1	-0.002	-7	-0.12	68	20	29.94	760.5	169	429.3	0								
1087	-14	-4	179	55	1	409	50200		9	5	0.0	0.000	-2	-0.03	68	20	29.94	760.5	170	431.8	1								
1089	1	0	207	63	1	510	50120		9	5	-2	-0.003	-9	-0.16	68	20	29.94	760.5	170	431.8	1								
1090	-12	-4	268	82	3	512	50100		9	5	-1	-0.002	.5	.009	68	20	29.94	760.5	168	426.7	1								
1091	-15	-5	236	70	3	511	50120		9	5				68	20	29.94	760.5	168	426.7	1									
1092	-26	-8	235	72	2	510	50100		9	5	-5	-0.009	-1.3	-0.23	68	20	29.94	760.5	168	426.7	1								
1093	-18	-5	216	66	3	511	50120		9	5	-5	-0.009	-1.1	-0.19	68	20	29.94	760.5	168	426.7	2								
1094	-10	-3	265	81	3	512	50120		9	5	-4	-0.007	-3	-0.05	68	20	29.94	760.5	170	431.8	1								
1095	-8	-2	268	86	3	510	50120		9	5	-7	-0.012	-9	-0.16	68	20	29.94	760.5	169	429.3	1								
1212	-8	-2	247	75	707	70200	13	7	-6	-0.010	1.8	.031	.7	.012	70	21	29.93	760.2	0	0.0	1								
1213	4	1	297	91	4	710	50100		13	7	-2	-0.003	.7	.012	70	21	29.93	760.2	169	429.3	2								
1214	-11	-3	266	83	718	70100	13	7	-2	-0.003	.6	.010	.6	.010	70	21	29.93	760.2	0	0.0	2								
1215	-7	-2	222	68	707	70120	13	7	-1	-0.002	3.3	.058	70	21	29.93	760.2	0	0.0	0										
1216	-12	-4	217	66	2	118	50200		13	7	-2	-0.003	.5	.009	70	21	29.93	760.2	169	429.3	0								

Landing Data - Model TA-4F										USC Enterprise (CVN-65)										Day Landings									
LNOG		OFF-CENTER		RAMP TO TD		WIRE SIDE		LNOG		FLAP		SHIP		DECK PITCH		DECK ROLL		TEMP		BAROMETRIC		ARR GEAR		REREAD					
NO.	DISTANCE	FT	M	DISTANCE	FT	M	NO.	TYPE	NO.	CODE	SPEED		DEG	RAD	DEG	RAD	F	C	IN HG	MM HG	IN	CM	NUMBER						
											KN	M/S																	
62	63	64	65	66	67	68	69		70	71	72	73	74	75	76	77	78	79	80	81	82								
1217	-7	-2	270	82			107	70120			13	7	-3	-.005	2.7	.047	70	21	29.93	760.2	0	0.0	0						
1218	-11	-3	186	57	2	707	50100				13	7	-2	-.003	.9	.016	70	21	29.93	760.2	169	429.3	0						
1220	-5	-2	256	78	3	718	50120				13	7	-5	-.009	.4	.007	70	21	29.93	760.2	169	429.3	0						
1221	-4	-1	216	66			107	70200			12	6	-2	-.003	.1	.002	70	21	29.93	760.2	0	0.0	0						
1222	1	0	346	105			873	70120			12	6	-1	.002	-.4	-.007	70	21	29.93	760.2	0	0.0	0						
1223	-12	-4	240	73	2	107	50120				12	6	-4	-.007	.6	.010	70	21	29.93	760.2	168	426.7	0						
1224	-10	-3	311	95	2	118	50120				11	6	-2	-.003	1.2	.021	70	21	29.93	760.2	169	429.3	1						
1225	-2	-1	329	100			412	60200			12	6	-1	-.002	-1.1	-.019	70	21	29.93	760.2	0	0.0	1						
1226	-15	-5	270	82	4	700	50100				12	6	-1	-.002	1.3	.028	70	21	29.93	760.2	170	431.8	1						
1227	-4	-1	293	89	4	412	50120				11	6	-2	-.003	4.1	.037	70	21	29.93	760.2	168	426.7	2						
1228	-10	-6	223	68	2	118	50120				11	6	-3	-.005	.9	.016	70	21	29.93	760.2	169	429.3	2						
1229	-15	-5	270	82	4	107	50120				11	6	-3	-.005	2.3	.040	70	21	29.93	760.2	169	429.3	1						
1231	-8	-2	317	97	4	118	50120				12	6	-2	-.003	.6	.010	70	21	29.93	760.2	169	429.3	1						
1232	-8	-2	350	107			873	60120			12	6	-2	-.003	1.5	.026	70	21	29.93	760.2	0	0.0	1						
1235	-2	-1	305	93			718	60120			12	6	-2	-.003	-1.4	-.024	70	21	29.93	760.2	0	0.0	1						
1237	-14	-4	186	57	2	707	50100				12	6	-3	-.005	2.5	.044	70	21	29.93	760.2	169	429.3	2						
1238	-6	-2	238	73	3	718	50120				12	6	-3	-.005	.5	.009	70	21	29.93	760.2	170	431.8	2						
1242	-4	-1	286	87	3	718	50120				12	6	-4	-.007	1.5	.026	70	21	29.93	760.2	169	429.3	1						
1245	-1	0	333	101			412	60100			12	6	-1	-.002	.6	.010	70	21	29.92	760.0	0	0.0	1						
1246	-4	-1	249	76	2	707	50120				12	6	-2	-.003	.7	.012	70	21	29.92	760.0	168	426.7	2						
1247	-11	-3	186	57	2	118	50120				12	6	-3	-.005	.1	.002	70	21	29.92	760.0	168	426.7	1						
1248	-1	0	285	87	3	718	50120				12	6	-1	-.002	1.7	.036	70	21	29.92	760.0	168	426.7	1						
1249	-1	0	286	87	3	412	50120				12	6	-4	-.007	.8	.014	70	21	29.93	760.2	169	429.3	3						
1250	-4	-1	301	92	4	107	50120				12	6	-1	-.002	.5	.009	70	21	29.92	760.0	169	429.3	2						
1251	1	0	283	89	4	700	50100				12	6	-2	-.003	1.2	.021	70	21	29.92	760.0	169	429.3	2						
1252	-12	-4	181	55	2	118	50120				12	6	-3	-.005	-1.1	-.002	70	21	29.92	760.0	169	429.3	1						
1253	2	1	269	82	3	718	50120				12	6	-2	-.003	-3	-.005	70	21	29.93	760.2	169	429.3	1						
1254	-11	-3	290	88	3	107	50120				12	6	-5	-.009	0.0	0.000	70	21	29.93	760.2	170	431.8	1						
1255	-14	-4	216	66	2	118	50200				12	6	-1	-.002	-2	-.003	70	21	29.93	760.2	168	426.7	2						
1256	-5	-2	283	87	3	873	50120				12	6	-1	-.002	-.6	-.010	70	21	29.93	760.2	169	429.3	2						
1257	2	1	348	106			412	60120			12	6	-4	-.007	.1	.002	70	21	29.93	760.2	0	0.0	1						
1258	-3	-1	267	81	4	412	50200				12	6	-4	-.007	.9	.016	70	21	29.93	760.2	165	419.1	1						
1259	-13	-4	178	54	2	118	50100				12	6	-2	-.003	1.7	.036	70	21	29.93	760.2	168	426.7	0						
1260	-11	-3	260	79	3	100	50120				12	6	-2	-.003	1.5	.026	70	21	29.93	760.2	168	426.7	1						
1261	-10	-3	290	80	4	718	50100				12	6	-1	-.002	.4	.007	70	21	29.93	760.2	170	431.8	0						
1265	-7	-2	242	74	3	209	50120				12	6	-3	-.005	1.1	.019	70	21	29.93	760.2	168	426.7	0						
1266	-2	-1	266	81	4	400	50200				12	6	-4	-.007	.7	.012	70	21	29.93	760.2	169	429.3	0						
1267	-14	-4	211	64	2	229	50120				12	6	-6	-.010	1.2	.021	70	21	29.93	760.2	169	429.3	0						
1268	9	3	365	111			412	60200			12	6	0.0	0.000	.1	.002	70	21	29.93	760.2	0	0.0	0						
1269	-3	-1	332	101	4	873	50100				12	6	-1	-.002	0.0	0.000	70	21	29.93	760.2	169	429.3	0						



LOADING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
UNDG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	UNDG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC	ARR	GEAR	REREAD	NO.	DISTANCE	FT	M	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE	FT	M	NO.	DISTANCE

Landing Data - Model TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS																	
LNDG		OFF-CENTER		RAMP TO TD		WIRE SIDE		LNDG		FLAP		SHIP		DECK PITCH		DECK ROLL		TEMP		BAROMETRIC		ARR GEAR		REREAD													
NO.		DISTANCE		DISTANCE		NO.		NO.		TYPE		CODE		SPEED		RAD		DEG		F		C		IN		CM											
FT		M		M		FT		M		69		70		71		72		73		74		75		76		77		78		79		80		81		82	
62	3316	-9	-3	267	81	3	512	50100	10	5	5	.009	3.1	.054	72	22	29.93	760.2	169	429.3	1																
	3317	-3	-1	302	92	4	400	50120	10	5	-1	-.002	.4	.007	72	22	29.93	760.2	169	429.3	1																
	3318	-15	-5	236	72	2	229	50100	10	5	-3	-.005	-4	.007	72	22	29.93	760.2	168	426.7	0																
	3319	-8	-2	222	68	2	873	50120	10	5	-2	-.003	-3	.005	72	22	29.93	760.2	169	429.3	0																
	3320	-11	-3	252	77	707	70100	10	5	-1	-.002	-5	.009	72	22	29.93	760.2	0	0	0																	
	3321	-4	-1	246	76	2	871	50100	10	5	-1	-.002	.2	.003	72	22	29.93	760.2	168	426.7	2																
	3322	0	0	259	79	3	707	50100	8	4	-4	-.007	-2.1	.037	72	22	29.93	760.2	168	426.7	1																
	3323	-6	-2	263	80	2	229	50100	8	4	-4	-.007	1.4	.024	72	22	29.93	760.2	168	426.7	0																
	3324	0	0	287	87	115	70100	8	4	-2	-.003	.3	.005	73	23	29.93	760.2	0	0	0																	
	3325	-9	-3	285	87	115	70120	8	4	-5	-.009	.8	.014	73	23	29.93	760.2	0	0	0																	
	3326	-6	-2	226	69	217	70100	8	4	-3	-.005	-1.2	.021	73	23	29.93	760.2	0	0	0																	
	3327	7	2	283	86	520	70100	8	4	-2	-.003	-7	.012	73	23	29.93	760.2	0	0	0																	
	3328	-8	-3	238	73	2	115	50100	8	4	-5	-.009	-2	.003	73	23	29.93	760.2	169	429.3	1																
	3329	-14	-4	236	73	217	70100	8	4	-2	-.003	-1	.002	73	23	29.93	760.2	0	0	0																	
	3330	-16	-5	237	72	520	70100	8	4	-3	-.005	-8	.014	73	23	29.93	760.2	0	0	0																	
	3331	-6	-2	313	95	873	60100	8	4	-2	-.003	-5	.009	73	23	29.93	760.2	0	0	0																	
	3334	-10	-3	234	71	2	707	50100	8	4	-2	-.003	.7	.012	73	23	29.93	760.2	169	429.3	0																
	3335	-13	-4	260	79	3	873	50100	8	4	-4	-.007	-8	.014	73	23	29.93	760.2	169	429.3	0																
	3336	-1	0	319	97	510	60120	8	4	-2	-.003	-1.9	.033	73	23	29.93	760.2	0	0	0																	
	3337	-16	-5	211	64	2	707	50200	8	4	-2	-.003	-4	.007	73	23	29.93	760.2	167	424.2	0																
	3338	-11	-3	231	70	3	873	50120	8	4	-5	-.009	.6	.010	73	23	29.93	760.2	169	429.3	1																
	3339	-2	-1	206	87	3	510	50123	8	4	-2	-.003	-1	.002	73	23	29.93	760.2	169	429.3	0																
	3340	-6	-2	211	64	718	70120	8	4	-3	-.005	1.1	.019	73	23	29.93	760.2	0	0	0																	
	3341	3	1	228	69	718	70100	8	4	-4	-.007	1.8	.031	73	23	29.93	760.2	0	0	0																	
	3342	-17	-5	131	40	107	70100	8	4	-2	-.003	-3	.005	73	23	29.93	760.2	0	0	0																	
	3343	-9	-3	220	67	2	718	50120	8	4	0	0.000	-1.7	.030	73	23	29.93	760.2	169	429.3	0																
	3345	-12	-4	308	94	3	107	50100	8	4	-2	-.003	-1.5	.026	73	23	29.93	760.2	170	431.8	2																
	3347	-1	0	187	57	3	511	70120	8	4	-4	-.007	-3	.005	73	23	29.97	761.2	0	0	0																
	3348	-13	-4	220	67	3	511	50120	8	4	-4	-.007	.9	.016	73	23	29.97	761.2	170	431.8	1																
	3351	-15	-5	192	59	2	217	70200	7	4	0	0.000	.1	.002	73	23	29.97	761.2	0	0	0																
	3354	-12	-4	199	61	2	412	50120	8	4	-6	-.010	.5	.009	73	23	29.97	761.2	170	431.8	1																
	3355	1	0	232	71	229	70120	8	4	-5	-.009	1.9	.033	73	23	29.97	761.2	0	0	0																	
	3357	-14	-4	199	61	3	217	50120	4	2	-2	-.003	3.2	.056	69	21	29.97	761.2	169	429.3	0																
	3358	-6	-2	239	73	229	70200	4	2	-2	-.003	.1	.002	69	21	29.97	761.2	0	0	0																	
	3360	-7	-2	213	65	700	70120	4	2	-4	-.007	.1	.002	69	21	29.97	761.2	0	0	0																	
	3361	-9	-3	252	77	3	511	50120	4	2	-1	-.002	.4	.007	69	21	29.97	761.2	170	431.8	2																
	3362	-9	-3	276	84	3	229	50120	4	2	-5	-.009	-9	.018	69	21	29.97	761.2	170	431.8	0																
	3363	0	0	270	82	700	70120	4	2	-6	-.010	1.9	.033	69	21	29.97	761.2	0	0	0																	
	3364	-14	-4	175	53	520	70120	4	2	-4	-.007	-6	.010	69	21	29.97	761.2	0	0	0																	
	3365	-15	-5	238	73	2	412	50120	4	2	-4	-.007	1.2	.021	69	21	29.97	761.2	170	431.8	1																

L-00ING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
OFF-CENTER					RAMP TO TD					WIRE SIDE					UNDG					FLAP					SHIP					DECK PITCH					DECK ROLL					TEMP					BAROMETRIC					ARR GEAR					REREAD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</

LOADING DATA - MODEL TA-4F										USS ENTERPRISE (CVN-65)										DAY LANDINGS									
LWDG	OFF-CENTER	RAMP TO TD	WIRE	SIDE	LWDG	FLAP	SHIP	DECK	PITCH	DECK	ROLL	TEMP	BAROMETRIC	ARR	GEAR	REREAD													
NO.	DISTANCE	DISTANCE	NO.	NO.	NO.	TYPE	CODE	KN	M/S	DEG	RAD	DEG	RAD	F	C	IN	HG	MM	HG	IN	CM	RUNOUTS	NUMBER						
FT	M	FT	M																										
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82									
1611	-3	-1	333	101		707	60100		7	4	-5	-.009	.2	.003	67	19	29.96	761.0	0	0.0		1							
1612	-0	-3	249	76	3	707	50120		7	4	-6	-.010	.4	.007	67	19	29.96	761.0	170	431.8		1							
1613	5	2	297	91	4	412	50100		7	4	-3	-.005	-.5	-.009	67	19	29.96	761.0	169	429.3		1							
1615	-10	-3	220	67	3	707	50200		7	4	-7	-.012	-.3	-.005	67	19	29.96	761.0	170	431.8		0							
1616	-10	-3	248	76	3	707	50120		7	4	-3	-.005	1.2	.021	67	19	29.96	761.0	169	429.3		0							
1618	-14	-4	225	69	3	700	50100		7	4	-3	-.005	.1	.002	67	19	29.96	761.0	170	431.8		0							
1619	-3	-1	294	90	4	412	50100		7	4	-6	-.010	.0	.014	67	19	29.96	761.0	170	431.8		1							
1620	-11	-3	213	85	3	222	50200		7	4	-5	-.009	1.4	.024	67	19	29.96	761.0	169	429.3		0							
1621	-1	0	265	87	4	107	70120		5	3	-2	-.003	-1.7	-.030	67	19	29.96	761.0	0	0.0		0							
1622	-5	-2	331	101	4	504	50120		5	3	-5	-.009	1.2	.021	67	19	29.96	761.0	169	429.3		0							
1623	-4	-1	335	102	4	409	70100		5	3	-4	-.007	-.2	-.003	67	19	29.96	761.0	0	0.0		0							
1624	-5	-2	247	75	3	107	50200		5	3	-5	-.009	-.7	-.012	67	19	29.96	761.0	169	429.3		1							
1625	-4	-1	292	89	4	409	50120		5	3	-5	-.009	.1	.002	67	19	29.96	761.0	169	429.3		0							
1626	-0	-2	275	84	3	107	50200		5	3	-3	-.005	.2	.003	67	19	29.96	761.0	169	429.3		1							
1627	0	0	276	84	3	107	50100		5	3	-4	-.007	.6	.010	67	19	29.96	761.0	169	429.3		1							
1628	5	2	351	107	4	409	60200		5	3	-4	-.007	1.9	.033	67	19	29.96	761.0	0	0.0		0							
1629	-4	-1	277	84	3	409	50200		5	3	-1	-.002	1.4	.024	67	19	29.96	761.0	170	431.8		1							
1630	-12	-4	209	64	3	504	60120		7	4	-3	-.005	2.3	.040	67	19	29.96	761.0	0	0.0		0							
1631	-5	-2	275	84	3	409	50200		5	3	-6	-.010	2.2	.038	67	19	29.96	761.0	169	429.3		1							
1634	-12	-4	227	60	3	510	50100		3	2	-2	-.003	.2	.003	67	19	29.95	760.7	169	429.3		0							
1635	-12	-4	285	87	4	718	50100		3	2	-1	-.002	.1	.002	67	19	29.95	760.7	169	429.3		2							
1636	-0	-2	210	64	3	409	50100		3	2	-1	-.002	2.8	.049	67	19	29.95	760.7	170	431.8		1							
1637	3	1	285	87	3	504	60200		3	2	-4	-.007	1.3	.023	67	19	29.95	760.7	169	429.3		0							
1638	-21	-0	269	82	3	504	50120		6	3	-3	-.005	1.6	.020	67	19	29.95	760.7	170	431.8		2							
1639	-0	-2	275	84	3	510	50120		6	3	-3	-.005	.2	.003	67	19	29.95	760.7	170	431.8		0							
1640	-4	-1	302	82	4	718	50200		5	3	-3	-.005	2.2	.038	67	19	29.95	760.7	169	429.3		2							
1641	-3	-1	237	72	3	510	50120		4	2	-4	-.007	1.3	.023	67	19	29.95	760.7	170	431.8		2							
1642	-13	-4	230	73	3	718	50200		4	2	-6	-.010	2.5	.044	67	19	29.95	760.7	170	431.8		0							
1644	-11	-3	255	78	4	873	70200		4	2	-6	-.010	2.2	.030	67	19	29.95	760.7	0	0.0		0							
1645	-16	-5	176	54	4	118	70120		4	2	-3	-.005	.5	.009	67	19	29.95	760.7	0	0.0		0							
1646	-11	-3	288	88	4	512	70120		4	2	-4	-.007	.1	.002	67	19	29.95	760.7	0	0.0		1							
1647	-11	-3	327	100	4	873	80120		4	2	-7	-.012	1.9	.033	67	19	29.95	760.7	169	429.3		0							
1648	-5	-2	287	87	4	510	60120		3	2	-3	-.005	.9	.016	67	19	29.95	760.7	168	426.7		1							
1649	-15	-5	217	66	3	118	50120		3	2	-5	-.009	1.9	.033	67	19	29.95	760.7	169	429.3		0							
1650	-11	-3	206	87	3	873	80120		3	2	-2	-.003	.2	.003	67	19	29.95	760.7	168	426.7		0							
1651	-4	-1	292	89	4	708	50120		3	2	-3	-.005	1.3	.023	67	19	29.95	760.7	168	426.7		1							
1652	-10	-3	235	72	3	512	50120		3	2	-5	-.009	1.9	.033	67	19	29.95	760.7	168	426.7		1							
1653	-3	-1	358	109	4	510	60120		3	2	-3	-.005	3.5	.081	67	19	29.95	760.7	0	0.0		0							
1654	-0	-2	226	69	3	710	70120		3	2	-1	-.002	1.1	.019	67	19	29.95	760.7	0	0.0		2							
1655	-11	-3	241	73	3	217	70120		3	2	-2	-.003	2.4	.042	67	19	29.95	760.7	0	0.0		0							

## DAY LANDINGS

## USS ENTERPRISE (CVN-65)

## LOADING DATA - MODEL TA-4F

LANDG	NO.	OFF-CENTER	RAMP TO TD	WIRE SIDE	LANDG	FLAP	SHIP	DECK PITCH	DECK ROLL	TEMP	BAROMETRIC	ARR GEAR	REREAD									
		DISTANCE	DISTANCE	NO.	NO.	TYPE	CODE	SPEED			PRESSURE	RUNOUTS	NUMBER									
		FT	M	FT	M			KN	M/S	DEG	RAD	F	C	IN	CM							
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82		
1656	-13	-4	165	50		115	70100			3	2	-4	-0.07	2.5	.044	67	19	29.95	760.7	0	0.0	1
1658	-6	-2	209	88	3	510	50120			3	2	-3	-0.05	1.2	.021	67	19	29.95	760.7	167	424.2	0
1658	-10	-3	203	82	3	217	50120			3	2	-5	-0.09	2.5	.044	67	19	29.95	760.7	170	431.8	0
1660	-17	-5	192	50	3	115	50120			3	2	-4	-0.07	1.8	.031	67	19	29.95	760.7	169	429.3	1
1662	-15	-5	225	60	3	710	50200			3	2	-5	-0.09	1.7	.030	67	19	29.95	760.7	168	426.7	0
1663	-8	-2	324	90	4	873	50120			3	2	-5	-0.09	2.9	.051	67	19	29.95	760.7	169	429.3	2
1665	-7	-2	326	90	4	873	50120			3	2	-1	-0.02	.1	.002	67	19	29.95	760.7	169	429.3	0
1666	-7	-2	230	73	3	115	50120			3	2	-5	-0.09	2.9	.051	67	19	29.95	760.7	168	426.7	0
1667	-6	-2	240	76	3	510	50120			3	2	-2	-0.03	.2	.003	67	19	29.95	760.7	169	429.3	1
1668	-11	-3	269	82	3	217	50120			3	2	-4	-0.07	2.2	.038	67	19	29.95	760.7	168	426.7	1
1669	-5	-2	265	81	3	512	50100			3	2	-3	-0.05	2.5	.044	67	19	29.95	760.7	170	431.8	1
1670	-19	-6	230	73	3	710	50120			3	2	-7	-0.12	1.6	.028	67	19	29.95	760.7	170	431.8	2
1671	-12	-4	223	68	3	104	50100			3	2	-3	-0.05	1.5	.026	67	19	29.95	760.7	170	431.8	2
1672	-17	-5	177	54	3	118	50200			3	2	-5	-0.09	2.4	.042	67	19	29.95	760.7	170	431.8	2
1674	-20	-6	176	54	3	710	50120			3	2	-5	-0.09	2.9	.051	67	19	29.95	760.7	0	0.0	1
1675	-14	-4	207	63	3	710	50120			3	2	-3	-0.05	1.8	.031	67	19	29.95	760.7	169	429.3	0
1677	-5	-2	268	82	3	118	50120			3	2	-2	-0.03	1.9	.033	67	19	29.95	760.7	169	429.3	1
1678	-10	-3	280	88	4	512	50100			3	2	-4	-0.07	2.8	.049	67	19	29.95	760.7	169	429.3	1
1679	-5	-2	316	90	4	115	50120			3	2	-2	-0.03	.2	.003	67	19	29.95	760.7	169	429.3	0
1680	-4	-1	270	82	3	712	50100			3	2	-4	-0.07	2.7	.047	67	19	29.95	760.7	166	421.6	0
1681	-12	-4	201	61	3	710	50200			3	2	-3	-0.05	2.6	.045	67	19	29.95	760.7	0	0.0	1
1683	-14	-4	191	58	3	710	50200			3	2	-5	-0.09	2.8	.049	67	19	29.95	760.7	170	431.8	0
1684	-2	-1	352	107	3	115	70120			3	2	.3	.005	3.6	.063	67	19	29.95	760.7	0	0.0	0
1685	-8	-2	235	72	3	115	50120			3	2	.3	.005	2.9	.051	67	19	29.95	760.7	167	424.2	0
4016	5	2	277	84		510	70120			8	4	-3	-0.05	.2	.003	68	20	29.94	760.5	0	0.0	0
4043	-2	-1	300	107		104	50120			8	4	-6	-0.10	-9	-.016	68	20	29.94	760.5	0	0.0	0
4052	-10	-3	193	50	1	873	50100			8	4	-1	-0.02	-2	-.003	68	20	29.94	760.5	169	429.3	0
4251	-18	-6	215	66	2	710	50120			5	3					67	19	30.05	763.3	0	0.0	1
4252	-6	-2	242	74		871	70200			5	3					67	19	30.05	763.3	0	0.0	0
4250	-7	-2	240	73		873	70120			5	3	.1	.002	-1.1	-.019	67	19	30.05	763.3	0	0.0	0
4470	-11	-3	270	82		412	70120			5	3	-3	-0.05	.6	.010	62	17	29.97	761.2	0	0.0	0
4471	-15	-5	230	73		229	70120			5	3	-4	-0.07	-1.8	-.031	62	17	29.97	761.2	0	0.0	1
4495	-10	-3	201	61	2	412	50100			5	3	-2	-0.03	-5	-.009	62	17	29.97	761.2	165	419.1	0
4064	-14	-4	216	66	1	510	50100			3	2	-2	-0.03	.1	.002	66	19	29.95	760.7	169	429.3	0
4993	4	1	278	85		107	70100			8	4	-5	-0.09	-6	-.010	68	20	29.94	760.5	0	0.0	0

# **SYMBOLS**

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DEPARTMENT OF THE NAVY  
Naval Air Development Center  
Warminster, PA 18974-5000

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LIST OF SURVEY SYMBOLS AND DEFINITIONS

Prepared by: \_\_\_\_\_  
R. P. MICKLOS  
Aerospace Engineer

Enclosure (4)

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## LANDING LOADS SURVEY DEFINITIONS

SINK SPEED -  $V_V$  - The sink speed of the aircraft landing gear wheel just prior to touchdown. Sink speed is reported for each landing gear individually; that is for the port, starboard, and nose wheels just prior to individual deck contact. In addition, the Average Sink Speed of the aircraft main landing gear is calculated just prior to touchdown of the first main landing gear wheel. Sink speed is determined from film data.

The symbols used to identify aircraft sink speed are as follows:

- $V_{VA}$  - average sink speed
- $V_{VS}$  - sink speed of the starboard main wheel
- $V_{VP}$  - sink speed of the port main wheel
- $V_{VN}$  - sink speed of the nose landing gear

The values of aircraft sink speed are reported in both feet per second (ft/sec.) and meters per second (meters/sec.).

For shipboard landings, the values of sink speed are reported with respect to the vessels flight deck.

WING LIFT FACTOR -  $K_{LE}$  - The Wing Lift Factor is calculated from the derivative of the aircraft average sink speed. It is calculated just prior to the touchdown of the first main landing gear. A value of 1.0 for the Wing Lift Factor indicates that a constant sink speed is being maintained. If the value of  $K_{LE}$  is greater than 1.0, this indicates that the sink speed is decreasing and the wing lift is greater than 1.0 G. Conversely, if the value is less than 1.0, then the sink speed is increasing and the lift being generated is less than 1.0 G.

The value of Wing Lift Factor is calculated from the equation

$$K_{LE} = (2 \cdot C / 32.2) + 1.0$$

where the value of  $2 \cdot C$  is the second derivative of the regression curve of the aircraft vertical position with respect to time, evaluated at touchdown ( $t=0$ ). The regression curve is that calculated for the average vertical position of the aircraft main landing gear and has the form of the equation

$$\text{Position} = A + Bt + Ct^2$$

The symbol for WING LIFT FACTOR is  $K_{LE}$ . This quantity is dimensionless.

The value of wing lift factor is measured with respect to the flight deck. (This value could be referenced to the horizon by correcting it for deck pitch angle.)



WIND OVER DECK -  $V_W$  - Wind Over Deck is the wind velocity measured by the ships instrumentation with respect to the flight deck. For aircraft carrier landings, the wind component down the landing deck is utilized. The positive direction for Wind Over Deck is from the ships bow to the stern, down the angle deck.

The symbol for WIND OVER DECK is  $V_W$ .

The value of Wind Over Deck is reported in knots and meters per second.

ENGAGING SPEED -  $V_E$  - The engaging speed is the speed with which the aircraft closes on the aircraft carrier's flight deck. Engaging speed is reported with respect to the flight deck. Engaging Speed is calculated from film measurements.

The symbol for ENGAGING SPEED is  $V_E$ .

The value of Engaging Speed is reported in knots and meters per second.

The value of engaging speed measured at the "over the ramp" position is identified as  $V_{eor^*}$ .

APPROACH SPEED -  $V_{P-AF}$  - The value of Approach Speed reported is the algebraic sum of Engaging Speed and component of Wind Over Deck parallel to the centerline of the angle deck. The value of Approach Speed is the aircraft horizontal velocity with respect to the air mass.

The symbol for APPROACH SPEED is  $V_{P-AF}$ .

The value of Approach Speed is reported in knots and meters per second.

MINIMUM POWER APPROACH SPEED -  $V_{P-Amin}$  - This value is the minimum power approach speed for a jet aircraft in the power approach configuration (landing gear, flaps and other high lift devices deployed). This number is determined from the aircraft's aerodynamic characteristics and landing weight per criteria established by NAVAIR.

The symbol for MINIMUM POWER APPROACH SPEED is  $V_{P-Amin}$ .

The value of minimum power approach speed is reported in knots and meters per second.

POWER APPROACH STALL SPEED -  $V_{SP-A}$  - This value is the power approach stall speed for a propeller driven aircraft in the power approach configuration (landing gear flaps and other high lift devices deployed). This number is determined from the aircraft's aerodynamic characteristics and landing weight per criteria established by NAVAIR.

The symbol for POWER APPROACH STALL SPEED is  $V_{SP-A}$ .

The value of power approach stall speed is reported in knots and meters per second.

RATIO OF MEASURED APPROACH SPEED TO MINIMUM POWER APPROACH SPEED -  $K_{VP-Amin}$   
 - The ratio of the jet aircraft approach speed determined from film data to the minimum power approach speed for the same landing weight.

The symbol for the RATIO OF  $V_{P-AF}/V_{P-Amin}$  is  $K_{VP-Amin}$ .

This quantity is dimensionless.

RATIO OF MEASURED APPROACH SPEED TO POWER APPROACH STALL SPEED -  $K_{VSP-A}$   
 - The ratio of the propeller driven aircraft measured approach speed, determined from film data, to the aircraft power approach stall speed, for the same value of landing weight.

The symbol for the RATIO OF  $V_{P-AF}/V_{SP-A}$  is  $K_{VSP-A}$ .

This quantity is dimensionless.

AIRCRAFT PITCH ANGLE -  $\theta_p$  - The aircraft pitch angle measured between the aircraft reference line and a line parallel with the aircraft carrier's flight deck. Positive values of pitch angle are reported for an aircraft exhibiting a nose up attitude. Pitch Angle is determined from film data.

The symbol used for PITCH ANGLE is  $\theta_p$ .

The value of this quantity is reported in both degrees and radians.

The value of pitch angle is reported at two locations--just prior to first wheel touchdown, and as the aircraft flies "over the ramp" at the stern end of an aircraft carrier's flight deck.

SUBSCRIPTS: R - Over the ramp

td - At touchdown

AIRCRAFT ROLL ANGLE -  $\theta_r$  - The Aircraft Roll angle measured between the aircraft reference line and a line parallel with the aircraft carrier's flight deck. Positive values of roll angle are reported for an aircraft whose starboard wing is down. Roll Angle is determined from film data.

The symbol used for ROLL ANGLE is  $\theta_r$ .

The value of this quantity is reported in both degrees and radians.

The value of roll angle is reported at two locations; just prior to first wheel touchdown and as the aircraft flies "over the ramp" at the stern end of an aircraft carrier's flight deck.

SUBSCRIPTS: R - Over the ramp

td - At touchdown

AIRCRAFT PITCH RATE -  $\dot{\theta}_p$  - The aircraft pitch rate is calculated from the film data. It is reported just prior to the touchdown of the first main wheel. Positive values of this variable indicates that the aircraft nose is pitching down. This rate is determined with respect to the flight deck.

The symbol used for THIS QUANTITY is  $\dot{\theta}_p$ .

The value of this quantity is reported in both degrees per second (deg./sec) and radians per second (radians/sec.).

AIRCRAFT ROLL RATE -  $\dot{\theta}_r$  - The aircraft roll rate is calculated from the film data. It is reported just prior to the touchdown of the first main wheel. Positive values of this variable indicates that the aircraft is rolling to port. This rate is determined with respect to the flight deck.

The symbol used for THIS QUANTITY is  $\dot{\theta}_r$ .

The value of this quantity is reported in both degrees per second (deg./sec) and radians per second (radians/sec.).

AIRCRAFT OFF-CENTERLINE DISTANCE - Y - This is the perpendicular distance measured between the aircraft centerline and the centerline of the flight deck (or runway). This value is calculated from film data just prior to first main wheel touchdown. Positive values of this quantity indicate that the aircraft landed on the port side of the flight deck centerline.

The symbol for THIS QUANTITY is Y.

The value of this quantity is reported in feet (ft) and meters.

DISTANCE FROM RAMP TO FIRST MAIN WHEEL TOUCHDOWN -  $X_w$  - For aircraft carrier landings the distance between the flight deck ramp (aft end of the flight deck) and the point of first main wheel touchdown is determined from the film data. For land based surveys, this distance can be determined from an appropriate reference line with respect to the camera.

The symbol for THIS QUANTITY is  $X_w$ .

The value of this quantity is reported in feet (ft) and meters.

AIRCRAFT INSTANTANEOUS GLIDESLOPE ANGLE -  $\beta_{vy}$  - This angle is determined just prior to first main wheel touchdown. The value of average sink speed ( $V_{VA}$ ) and engaging speed ( $V_E$ ) are used to define the instantaneous glideslope. These values are entered into the equation;

$$\beta_{vy} = \arctan(V_{VA}/V_E) + \text{deck pitch angle}$$

NOTE: A Consistent set of units must be used in this equation.

The symbol for THIS QUANTITY is  $\beta_{vy}$ .

The value of this quantity is reported in degrees and radians

AIRCRAFT GEOMETRIC GLIDESLOPE ANGLE -  $\beta_{HW}$  - This angle is determined by utilizing the Distance From The Ramp To Touchdown ( $X_W$ ) and Height Of Main Wheels At The Ramp ( $H_W$ ). These values are substituted into the Equation:

$$\beta_{HW} = \arctan[(V_{etd} - SS / V_{etd}) * (H_W / X_W)] + \text{deck pitch angle}$$

Where SS is Ships Speed.

The Quantity ( $V_{etd} - SS / V_{etd}$ ) is a correction factor for ships forward motion during the time the aircraft flies from the Ramp position to Touchdown.

NOTE: A consistent set of units must be used in this equation.

The symbol for THIS QUANTITY is -  $\beta_{HW}$

LANDING WEIGHT - W - The landing weight reported in the survey is determined from aircraft basic weight and the reported fuel state on aircraft final approach (the "Ball State"). The type and quantity of any external stores is also included in the determination of landing weight.

The Symbol for THIS QUANTITY is W.

The value of this quantity is reported in pounds and kilograms.

AIRCRAFT YAW ANGLE -  $YAW_{TD}$  - The Yaw Angle is the angle between the aircraft centerline and the aircraft flight path at the point of first main wheel touchdown. Positive YAW Angle is defined to be that orientation where a clockwise rotation of the yaw vector causes the vector to coincide with the aircraft centerline using a minimum angular rotation. Yaw Angle is determined from film data.

The Symbol for THIS QUANTITY is  $YAW_{TD}$ .

The value of this quantity is reported in degrees and radians.

AIRCRAFT FLIGHT PATH ANGLE - F.P.A. - The Flight Path Angle is the angle between the aircraft flight path and the flight deck centerline at the point of touchdown. This measurement is determined from film data. Positive Flight Path Angle is defined to be that orientation where a clockwise rotation of the flight path vector causes the vector to coincide with the flight deck centerline using a minimum angular rotation.

The Symbol for THIS QUANTITY is F.P.A.

The value of this quantity is reported in degrees and radians.

HEIGHT OF MAIN WHEELS OVER THE RAMP -  $H_W$  - The average height of the aircraft main landing gear wheels as it flies over the aircraft carriers ramp (aft end of flight deck) is determined from the film data. This information can also be provided for land based surveys utilizing an appropriate reference line on the runway.

The symbol for THIS QUANTITY is  $H_W$

The value of this quantity is reported in feet and meters.

HEIGHT OF THE HOOK AT THE RAMP -  $H_H$  - The height of the aircraft arresting gear hook as it flies over the aircraft carrier's ramp (aft end of flight deck) is determined from the film data. This quantity is only reported on carrier surveys.

The symbol for THIS QUANTITY is  $H_H$ .

This quantity is reported in feet and meters.

ANGLE OF FLIGHT DECK PITCH -  $\delta D_p$  - This angle is the pitch angle of the aircraft carrier's flight deck with respect to the horizon. This data is recorded from the ship's inertial navigation system utilizing inputs to the Fresnel Lens (Mirror Landing Aid System). This data is reported at the time of the aircraft first main wheel touchdown. This parameter is reported only for carrier landings. The positive value of this quantity indicates that the stern of the ship is up.

The symbol for THIS QUANTITY is  $\delta D_p$

This quantity is reported in degrees and radians.

ANGLE OF FLIGHT DECK ROLL -  $\delta D_r$  - This angle is the roll angle of the aircraft carrier's flight deck with respect to the horizon. This data is recorded from the ship's inertial navigation system utilizing inputs to the Fresnel Lens (Mirror Landing Aid System). This data is reported at the time of the aircraft's first main wheel touchdown. This parameter is reported only for carrier landings. The positive value of this quantity indicates that the starboard side of the ship is down.

The symbol for THIS QUANTITY is  $\delta D_r$

This quantity is reported in degrees and radians.

LIST OF SUBSCRIPTS

FFE - Free flight Engagement  
F - Indicates that the data source is film data  
R - Indicates data reported at the "over the ramp" position.  
P - Port  
S - Starboard  
N - Nose Wheel  
A - Average  
r - Roll  
p - Pitch  
td - Data reported at aircraft touchdown  
d - Data referenced to the Flight Deck

STATISTICAL SYMBOLS

N - Number of observations (data points).  
 $\bar{X}$  - Mean value of a parameter.  
P - Probability.  
S - Standard deviation of sample distribution.  
 $A_3$  - Skewness factor of sample distribution.  
 $A_4$  - Kurtosis factor of sample distribution.